

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 1, 2004, 15:33:38 ; Search time 13 Seconds  
(without alignments)

3.554 Million cell updates/sec

Title: us-09-695-451-1

Perfect score: 2161

Sequence: 1 cggccagtgatctgaacc.....tacactaaattctgaagt 2161

Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 0.5

Searched: 646 seqs, 10691 residues

Total number of hits satisfying chosen parameters: 1292

Minimum DB seq length: 8

Maximum DB seq length: 80

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 723 summaries

Database : rnpb.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	30	1.4	30	1	US-09-899-422-9
2	30	1.4	30	1	US-09-898-234-9
3	30	1.4	30	1	US-09-792-356-9
4	21	1.0	21	1	US-09-756-186-19
5	20	0.9	28	1	US-10-349-977-2
6	18.2	0.8	23	1	US-10-464-609-12
7	18.2	0.8	23	1	US-10-113-877-128
8	18	0.8	18	1	US-09-756-301A-15
9	18	0.8	18	1	US-09-927-703-15
10	18	0.8	18	1	US-09-766-535A-15
11	18	0.8	18	1	US-09-756-161A-15
12	18	0.8	18	1	US-09-897-724-15
13	18	0.8	18	1	US-10-010-229-15
14	18	0.8	18	1	US-10-043-450-15
15	18	0.8	18	1	US-10-044-534-15
16	18	0.8	18	1	US-10-043-432-15
17	18	0.8	18	1	US-10-208-145-15
18	18	0.8	18	1	US-10-198-845-15
19	18	0.8	18	1	US-10-227-488-15
20	18	0.8	18	1	US-10-187-121-15
21	18	0.8	18	1	US-10-176-460-15
22	18	0.8	18	1	US-10-186-559-15
23	18	0.8	18	1	US-10-371-961-15
24	18	0.8	18	1	US-10-200-795-15
25	18	0.8	18	1	US-10-319-011-15
26	18	0.8	18	1	US-10-371-443-15
27	18	0.8	18	1	US-10-379-866-15
28	18	0.8	24	1	US-09-757-041-11
29	17.6	0.8	24	1	US-10-276-358-36
30	17.4	0.8	22	1	US-10-321-039-633
31	17.2	0.8	24	1	US-10-038-335-4
32	17.2	0.8	24	1	US-10-233-927A-29
33	17.2	0.8	24	1	US-10-232-927A-32

17.2	0.8	24	1	US-10-232-927A-34	Sequence 34, Appl
17.2	0.8	24	1	US-10-118-854-29	Sequence 29, Appl
16.8	0.8	21	1	US-09-949-427-355	Sequence 355, Appl
15.6	0.7	22	1	US-09-922-449B-6	Sequence 6, Appl
15.4	0.7	17	1	US-09-877-478-213	Sequence 213, Appl
15.4	0.7	18	1	US-09-736-084-45	Sequence 45, Appl
15.4	0.7	19	1	US-10-244-647-572	Sequence 572, Appl
15.4	0.7	19	1	US-10-244-647-642	Sequence 642, Appl
15.4	0.7	19	1	US-10-244-647-645	Sequence 645, Appl
15.4	0.7	19	1	US-10-244-647-1218	Sequence 1218, Appl
15.4	0.7	19	1	US-10-244-647-1288	Sequence 1288, Appl
15.4	0.7	19	1	US-10-244-647-1291	Sequence 1291, Appl
15.2	0.7	21	1	US-10-349-143-8726	Sequence 8726, Appl
15	0.7	18	1	US-10-453-792-274	Sequence 274, Appl
15	0.7	20	1	US-10-453-792-135	Sequence 135, Appl
14.8	0.7	18	1	US-09-057-351-36	Sequence 36, Appl
14.8	0.7	18	1	US-10-359-935-36	Sequence 36, Appl
14.8	0.7	20	1	US-09-735-995-62	Sequence 62, Appl
14.8	0.7	20	1	US-09-828-344-143	Sequence 143, Appl
14.8	0.7	20	1	US-09-998-027-120	Sequence 120, Appl
14.8	0.7	20	1	US-09-976-782-72	Sequence 72, Appl
14.8	0.7	20	1	US-10-165-099-120	Sequence 120, Appl
14.8	0.7	21	1	US-09-957-837A-24	Sequence 24, Appl
14.8	0.7	21	1	US-10-291-046-6	Sequence 6, Appl
14.6	0.7	15	1	US-09-945-505-9	Sequence 9, Appl
14.6	0.7	15	1	US-09-945-505-21	Sequence 21, Appl
14.6	0.7	15	1	US-09-945-505-22	Sequence 22, Appl
14.6	0.7	15	1	US-09-780-533A-810	Sequence 810, Appl
14.4	0.7	17	1	US-09-877-478-212	Sequence 212, Appl
14.4	0.7	17	1	US-09-877-478-214	Sequence 214, Appl
14.4	0.7	17	1	US-10-060-830-204	Sequence 204, Appl
14.4	0.7	17	1	US-10-060-830-205	Sequence 205, Appl
14.4	0.7	17	1	US-10-303-109A-30	Sequence 30, Appl
14.4	0.7	17	1	US-10-302-817A-51	Sequence 51, Appl
14.4	0.7	18	1	US-09-057-351-35	Sequence 35, Appl
14.4	0.7	18	1	US-09-947-659-9	Sequence 9, Appl
14.4	0.7	18	1	US-10-359-935-35	Sequence 35, Appl
14.4	0.7	19	1	US-10-244-647-606	Sequence 606, Appl
14.4	0.7	19	1	US-10-244-647-644	Sequence 644, Appl
14.4	0.7	19	1	US-10-244-647-1252	Sequence 1252, Appl
14.4	0.7	19	1	US-10-244-647-1290	Sequence 1290, Appl
14.4	0.7	20	1	US-10-244-647-1290	Sequence 137, Appl
14.4	0.7	20	1	US-10-447-136-134	Sequence 134, Appl
14.2	0.7	20	1	US-09-742-373-4	Sequence 4, Appl
14.2	0.7	20	1	US-09-752-639-31	Sequence 31, Appl
14.2	0.7	20	1	US-09-984-198-31	Sequence 31, Appl
14.2	0.7	20	1	US-09-912-724-42	Sequence 42, Appl
14.2	0.7	20	1	US-09-825-489-4	Sequence 4, Appl
14.2	0.7	20	1	US-10-380-126-75	Sequence 75, Appl
14.2	0.7	20	1	US-10-371-474-69	Sequence 69, Appl
14.2	0.7	20	1	US-10-029-517-27	Sequence 27, Appl
14.2	0.7	20	1	US-10-289-845-14	Sequence 14, Appl
14.2	0.7	20	1	US-10-394-058-4	Sequence 4, Appl
14.2	0.7	20	1	US-10-349-143-7116	Sequence 7116, Appl
14.2	0.7	20	1	US-10-289-762-2388	Sequence 2388, Appl
14.2	0.7	20	1	US-10-289-762-4651	Sequence 4651, Appl
14.2	0.7	20	1	US-10-289-762-5845	Sequence 5845, Appl
14.2	0.7	20	1	US-10-453-792-276	Sequence 276, Appl
14	0.6	18	1	US-09-874-162A-12	Sequence 12, Appl
13.8	0.6	17	1	US-09-866-108-971	Sequence 971, Appl
13.8	0.6	17	1	US-09-866-108-972	Sequence 972, Appl
13.8	0.6	17	1	US-09-864-785-583	Sequence 583, Appl
13.8	0.6	17	1	US-09-848-754A-61	Sequence 61, Appl
13.8	0.6	17	1	US-09-848-754A-2182	Sequence 2182, Appl
13.8	0.6	17	1	US-09-780-164-840	Sequence 840, Appl
13.8	0.6	17	1	US-09-827-395A-328	Sequence 328, Appl
13.8	0.6	17	1	US-09-740-332-1266	Sequence 1266, Appl
13.8	0.6	17	1	US-09-817-879-1266	Sequence 817, Appl
13.8	0.6	17	1	US-10-163-552-364	Sequence 364, Appl
13.8	0.6	17	1	US-10-156-306-5078	Sequence 5078, Appl
13.8	0.6	17	1	US-10-238-700-3352	Sequence 3352, Appl
13.8	0.6	18	1	US-09-969-373-4117	Sequence 4117, Appl

107 US-10-321-039-630 Sequence 630, App c 180  
108 US-10-251-117-87 Sequence 97, Appl c 181  
109 US-10-251-117-90 Sequence 87, Appl c 182  
110 US-10-251-117-336 Sequence 336, App c 183  
111 US-10-251-117-339 Sequence 339, App c 184  
112 US-10-251-117-578 Sequence 578, App c 185  
113 US-10-251-117-885 Sequence 885, App c 186  
114 US-10-251-117-973 Sequence 973, App c 187  
115 US-09-866-108-974 Sequence 974, App c 188  
116 US-09-866-108-974 Sequence 559, App c 189  
117 US-09-818-875-559 Sequence 560, App c 190  
118 US-09-818-875-560 Sequence 1806, App c 191  
119 US-09-780-533A-1806 Sequence 2377, App c 192  
120 US-09-877-478-909 Sequence 909, App c 193  
121 US-09-877-478-1602 Sequence 1602, App c 194  
122 US-10-060-830-203 Sequence 203, App c 195  
123 US-10-060-830-206 Sequence 328, App c 196  
124 US-10-339-782-328 Sequence 328, App c 197  
125 US-10-209-787-559 Sequence 559, App c 198  
126 US-10-209-787-560 Sequence 560, App c 199  
127 US-10-261-185-559 Sequence 559, App c 200  
128 US-10-261-185-560 Sequence 560, App c 201  
129 US-09-877-478-1667 Sequence 1667, App c 202  
130 US-10-453-792-270 Sequence 270, App c 203  
131 US-10-453-792-272 Sequence 272, App c 204  
132 US-10-453-792-273 Sequence 273, App c 205  
133 US-10-453-792-274 Sequence 32, Appl c 206  
134 US-10-209-342-47 Sequence 47, Appl c 207  
135 US-10-349-143-5085 Sequence 5085, App c 208  
136 US-10-464-158-18 Sequence 55, Appl c 209  
137 US-10-148-687-55 Sequence 598, App c 210  
138 US-10-244-647-558 Sequence 637, App c 211  
139 US-10-244-647-1244 Sequence 1244, App c 212  
140 US-10-244-647-1283 Sequence 1283, App c 213  
141 US-10-349-143-7262 Sequence 7262, App c 214  
142 US-09-067-638B-26 Sequence 26, Appl c 215  
143 US-10-138-315-74 Sequence 74, Appl c 216  
144 US-10-116-325-26 Sequence 26, Appl c 217  
145 US-10-368-643-74 Sequence 74, Appl c 218  
146 US-10-314-657-165 Sequence 165, App c 219  
147 US-10-423-007-31 Sequence 31, Appl c 220  
148 US-10-388-263-26 Sequence 26, Appl c 221  
149 US-10-388-263-221 Sequence 221, App c 222  
150 US-10-349-143-4110 Sequence 4110, App c 223  
151 US-10-349-143-4877 Sequence 4877, App c 224  
152 US-09-949-427-355 Sequence 355, App c 225  
153 US-10-440-850-309 Sequence 309, App c 226  
154 US-10-440-850-310 Sequence 310, App c 227  
155 US-09-780-533A-2378 Sequence 2378, App c 228  
156 US-10-060-830-207 Sequence 207, App c 229  
157 US-10-060-830-208 Sequence 208, App c 230  
158 US-10-339-782-110 Sequence 110, App c 231  
159 US-10-210-130-362 Sequence 362, App c 232  
160 US-10-065-133A-73 Sequence 73, Appl c 233  
161 US-09-866-108-970 Sequence 970, App c 234  
162 US-09-866-108-2782 Sequence 2782, App c 235  
163 US-09-866-108-2783 Sequence 2783, App c 236  
164 US-09-730-857-79 Sequence 79, Appl c 237  
165 US-09-864-785-75 Sequence 75, Appl c 238  
166 US-09-864-785-390 Sequence 390, App c 239  
167 US-09-864-785-391 Sequence 391, App c 240  
168 US-09-864-785-582 Sequence 582, App c 241  
169 US-09-864-785-584 Sequence 584, App c 242  
170 US-09-864-785-2109 Sequence 2109, App c 243  
171 US-09-825-805-677 Sequence 677, App c 244  
172 US-09-825-805-680 Sequence 680, App c 245  
173 US-09-269-921-72 Sequence 72, Appl c 246  
174 US-09-730-289B-971 Sequence 971, App c 247  
175 US-09-818-875-2566 Sequence 2566, App c 248  
176 US-09-818-875-2567 Sequence 2567, App c 249  
177 US-09-818-875-2570 Sequence 2570, App c 250  
178 US-09-818-875-2571 Sequence 2571, App c 251  
179 US-09-818-875-2571 Sequence 2571, App c 252

17 US-09-818-875-2574 Sequence 2574, App c 180  
17 US-09-818-875-2575 Sequence 2575, App c 181  
17 US-09-780-533A-2379 Sequence 2379, App c 182  
17 US-09-877-478-2063 Sequence 2063, App c 183  
17 US-09-848-754A-262 Sequence 262, App c 184  
17 US-09-848-754A-927 Sequence 927, App c 185  
17 US-09-848-754A-1359 Sequence 1359, App c 186  
17 US-09-848-754A-3090 Sequence 3090, App c 187  
17 US-09-848-754A-3091 Sequence 3091, App c 188  
17 US-09-509-098-94 Sequence 94, Appl c 189  
17 US-09-827-395A-329 Sequence 329, App c 190  
17 US-09-827-395A-355 Sequence 355, App c 191  
17 US-09-740-332-2772 Sequence 2772, App c 192  
17 US-09-740-332-3289 Sequence 3289, App c 193  
17 US-09-817-879-2772 Sequence 2772, App c 194  
17 US-09-817-879-3289 Sequence 3289, App c 195  
17 US-10-059-828-1 Sequence 1, Appl c 196  
17 US-10-060-756A-910 Sequence 910, App c 197  
17 US-10-060-756A-911 Sequence 911, App c 198  
17 US-10-060-756A-1254 Sequence 1254, App c 199  
17 US-10-060-756A-1255 Sequence 1255, App c 200  
17 US-10-060-756A-4341 Sequence 4341, App c 201  
17 US-10-060-756A-4342 Sequence 4342, App c 202  
17 US-10-096-125-1 Sequence 1, Appl c 203  
17 US-10-096-998-52 Sequence 52, Appl c 204  
17 US-10-060-998-53 Sequence 53, Appl c 205  
17 US-10-163-552-365 Sequence 365, App c 206  
17 US-10-163-552-379 Sequence 379, App c 207  
17 US-10-156-306-5077 Sequence 5077, App c 208  
17 US-10-156-306-5079 Sequence 5079, App c 209  
17 US-10-218-253-72 Sequence 72, Appl c 210  
17 US-10-238-700-802 Sequence 802, App c 211  
17 US-10-238-700-3324 Sequence 3324, App c 212  
17 US-10-209-787-2566 Sequence 2566, App c 213  
17 US-10-209-787-2567 Sequence 2567, App c 214  
17 US-10-209-787-2570 Sequence 2570, App c 215  
17 US-10-209-787-2571 Sequence 2571, App c 216  
17 US-10-209-787-2574 Sequence 2574, App c 217  
17 US-10-209-787-2575 Sequence 2575, App c 218  
17 US-10-291-068-1056 Sequence 1056, App c 219  
17 US-10-261-185-4566 Sequence 2566, App c 220  
17 US-10-261-185-2567 Sequence 2567, App c 221  
17 US-10-261-185-2570 Sequence 2570, App c 222  
17 US-10-261-185-2571 Sequence 2571, App c 223  
17 US-10-261-185-2574 Sequence 2574, App c 224  
17 US-10-261-185-2575 Sequence 2575, App c 225  
17 US-09-067-638B-35 Sequence 35, Appl c 226  
17 US-10-108-714-8 Sequence 8, Appl c 227  
17 US-10-197-290-36 Sequence 36, Appl c 228  
17 US-10-116-325-35 Sequence 35, Appl c 229  
17 US-10-388-263-35 Sequence 35, Appl c 230  
17 US-10-388-263-189 Sequence 189, App c 231  
17 US-10-108-260A-5258 Sequence 5258, App c 232  
17 US-10-348-143-4256 Sequence 4256, App c 233  
17 US-10-349-143-9785 Sequence 9785, App c 234  
17 US-09-828-034-27 Sequence 27, Appl c 235  
17 US-10-356-625-20 Sequence 20, Appl c 236  
17 US-10-091-281-55 Sequence 55, Appl c 237  
17 US-09-504-231A-41 Sequence 41, Appl c 238  
17 US-09-504-231A-1538 Sequence 1538, App c 239  
17 US-09-504-231A-1539 Sequence 1539, App c 240  
17 US-09-274-553D-41 Sequence 41, Appl c 241  
17 US-09-274-553D-1538 Sequence 1538, App c 242  
17 US-09-274-553D-1539 Sequence 1539, App c 243  
17 US-09-848-754A-9175 Sequence 9175, App c 244  
17 US-09-848-754A-9213 Sequence 9213, App c 245  
17 US-09-996-292A-40 Sequence 40, Appl c 246  
17 US-10-152-123-21 Sequence 21, Appl c 247  
17 US-10-152-123-22 Sequence 22, Appl c 248  
17 US-10-287-919-255 Sequence 255, App c 249  
17 US-10-287-919-1518 Sequence 1518, App c 250  
17 US-10-171-270-1 Sequence 1, Appl c 251  
17 US-10-013-295-40 Sequence 40, Appl c 252



C 399	12.2	0.6	17	1	US-10-209-787-13611	Sequence 3631, Ap	C 472	11.6	0.5	20	1	US-09-874-162A-12	Sequence 12, Appl
C 400	12.2	0.6	17	1	US-10-307-005-1271	Sequence 1271, Ap	C 473	11.6	0.5	21	1	US-09-756-186-19	Sequence 19, Appl
C 401	12.2	0.6	17	1	US-10-307-005-1272	Sequence 1272, Ap	C 474	11.6	0.5	30	1	US-09-899-422-9	Sequence 9, Appl
C 402	12.2	0.6	17	1	US-10-261-185-3630	Sequence 3630, Ap	C 475	11.6	0.5	30	1	US-09-898-234-9	Sequence 9, Appl
C 403	12.2	0.6	17	1	US-10-261-185-3631	Sequence 3631, Ap	C 476	11.6	0.5	30	1	US-09-792-356-9	Sequence 9, Appl
C 404	12.2	0.6	20	1	US-10-380-126-75	Sequence 75, Appl	C 477	11.4	0.5	14	1	US-09-365-029-78	Sequence 78, Appl
C 405	12	0.6	13	1	US-09-740-332-4706	Sequence 4706, Ap	C 478	11.4	0.5	14	1	US-09-557-423-9	Sequence 9, Appl
C 406	12	0.6	13	1	US-09-817-879-4706	Sequence 4706, Ap	C 479	11.4	0.5	14	1	US-10-146-058-102	Sequence 102, Appl
C 407	12	0.6	15	1	US-09-504-231A-1517	Sequence 1517, Ap	C 480	11.4	0.5	14	1	US-10-038-335-3	Sequence 3, Appl
C 408	12	0.6	15	1	US-09-274-553D-1517	Sequence 1517, Ap	C 481	11.4	0.5	14	1	US-10-091-281-175	Sequence 175, Appl
C 409	12	0.6	15	1	US-09-740-332-4712	Sequence 4712, Ap	C 482	11.4	0.5	15	1	US-09-504-231A-1537	Sequence 1537, Ap
C 410	12	0.6	15	1	US-09-740-332-4753	Sequence 4753, Ap	C 483	11.4	0.5	15	1	US-09-274-553D-1537	Sequence 1537, Ap
C 411	12	0.6	15	1	US-09-817-879-4712	Sequence 4712, Ap	C 484	11.4	0.5	15	1	US-09-800-266A-99	Sequence 99, Appl
C 412	12	0.6	15	1	US-09-817-879-4753	Sequence 4753, Ap	C 485	11.4	0.5	15	1	US-09-935-194-15	Sequence 15, Appl
C 413	12	0.6	15	1	US-10-440-850-311	Sequence 311, Appl	C 486	11.4	0.5	15	1	US-09-826-290-483	Sequence 483, Appl
C 414	12	0.6	17	1	US-09-866-108-303	Sequence 303, Appl	C 487	11.4	0.5	15	1	US-09-895-007A-99	Sequence 99, Appl
C 415	12	0.6	17	1	US-09-866-108-304	Sequence 304, Appl	C 488	11.4	0.5	15	1	US-09-864-785-3747	Sequence 3747, Appl
C 416	12	0.6	17	1	US-09-866-108-305	Sequence 305, Appl	C 489	11.4	0.5	15	1	US-09-920-313-99	Sequence 99, Appl
C 417	12	0.6	17	1	US-09-866-108-306	Sequence 306, Appl	C 490	11.4	0.5	15	1	US-09-848-754A-9159	Sequence 9159, Appl
C 418	12	0.6	17	1	US-09-866-108-307	Sequence 307, Appl	C 491	11.4	0.5	15	1	US-09-979-593-8	Sequence 8, Appl
C 419	12	0.6	17	1	US-09-866-108-308	Sequence 308, Appl	C 492	11.4	0.5	15	1	US-09-776-479-916	Sequence 916, Appl
C 420	12	0.6	17	1	US-09-780-533A-751	Sequence 751, Appl	C 493	11.4	0.5	15	1	US-09-912-673A-22	Sequence 22, Appl
C 421	12	0.6	17	1	US-09-823-257A-5	Sequence 5, Appl	C 494	11.4	0.5	15	1	US-10-056-414-224	Sequence 224, Appl
C 422	12	0.6	17	1	US-09-902-214-37	Sequence 37, Appl	C 495	11.4	0.5	15	1	US-10-112-653-885	Sequence 885, Appl
C 423	12	0.6	17	1	US-09-740-332-65	Sequence 65, Appl	C 496	11.4	0.5	15	1	US-10-017-995-916	Sequence 916, Appl
C 424	12	0.6	17	1	US-09-817-879-65	Sequence 65, Appl	C 497	11.4	0.5	15	1	US-10-010-802-27	Sequence 27, Appl
C 425	12	0.6	17	1	US-10-163-552-377	Sequence 377, Appl	C 498	11.4	0.5	15	1	US-10-287-919-207	Sequence 207, Appl
C 426	12	0.6	17	1	US-10-163-552-378	Sequence 378, Appl	C 499	11.4	0.5	15	1	US-10-287-919-2417	Sequence 2417, Appl
C 427	12	0.6	17	1	US-10-238-700-2962	Sequence 2962, Ap	C 500	11.4	0.5	15	1	US-10-319-369-3	Sequence 3, Appl
C 428	12	0.6	17	1	US-10-238-700-3290	Sequence 3290, Ap	C 501	11.4	0.5	15	1	US-10-232-198-64	Sequence 64, Appl
C 429	11.8	0.5	15	1	US-09-504-231A-131	Sequence 131, Appl	C 502	11.4	0.5	15	1	US-10-202-824-29	Sequence 29, Appl
C 430	11.8	0.5	15	1	US-09-504-231A-337	Sequence 337, Appl	C 503	11.4	0.5	15	1	US-10-440-850-19	Sequence 19, Appl
C 431	11.8	0.5	15	1	US-09-504-231A-855	Sequence 855, Appl	C 504	11.4	0.5	15	1	US-10-271-602B-184	Sequence 184, Appl
C 432	11.8	0.5	15	1	US-09-504-231A-940	Sequence 940, Appl	C 505	11.4	0.5	15	1	US-10-271-602B-192	Sequence 192, Appl
C 433	11.8	0.5	15	1	US-09-274-553D-131	Sequence 131, Appl	C 506	11.4	0.5	15	1	US-10-271-602B-200	Sequence 200, Appl
C 434	11.8	0.5	15	1	US-09-274-553D-337	Sequence 337, Appl	C 507	11.4	0.5	15	1	US-10-338-366-25	Sequence 25, Appl
C 435	11.8	0.5	15	1	US-09-274-553D-855	Sequence 855, Appl	C 508	11.4	0.5	15	1	US-10-264-309-484	Sequence 484, Appl
C 436	11.8	0.5	15	1	US-09-826-290-471	Sequence 471, Appl	C 509	11.4	0.5	16	1	US-10-084-839-3223	Sequence 3223, Ap
C 437	11.8	0.5	15	1	US-09-826-290-471	Sequence 471, Appl	C 510	11.4	0.5	16	1	US-10-091-281-174	Sequence 174, Appl
C 438	11.8	0.5	15	1	US-09-826-290-471	Sequence 471, Appl	C 511	11.4	0.5	16	1	US-10-091-281-178	Sequence 178, Appl
C 439	11.8	0.5	15	1	US-09-979-593-69	Sequence 69, Appl	C 512	11.4	0.5	16	1	US-10-321-039-718	Sequence 718, Appl
C 440	11.8	0.5	15	1	US-09-840-008-43	Sequence 43, Appl	C 513	11.4	0.5	17	1	US-09-780-533A-2378	Sequence 2378, Ap
C 441	11.8	0.5	15	1	US-10-056-414-80	Sequence 80, Appl	C 514	11.4	0.5	17	1	US-09-827-395A-527	Sequence 527, Appl
C 442	11.8	0.5	15	1	US-10-056-414-125	Sequence 125, Appl	C 515	11.4	0.5	28	1	US-10-349-977-2	Sequence 2, Appl
C 443	11.8	0.5	15	1	US-10-056-414-223	Sequence 223, Appl	C 516	11.2	0.5	16	1	US-09-811-045A-4	Sequence 4, Appl
C 444	11.8	0.5	15	1	US-10-056-414-223	Sequence 223, Appl	C 517	11.2	0.5	16	1	US-09-864-636A-1871	Sequence 1871, Ap
C 445	11.8	0.5	15	1	US-10-056-414-349	Sequence 349, Appl	C 518	11.2	0.5	16	1	US-09-864-636A-1871	Sequence 1871, Ap
C 446	11.8	0.5	15	1	US-10-043-875-473	Sequence 473, Appl	C 519	11.2	0.5	16	1	US-10-453-792-9	Sequence 9, Appl
C 447	11.8	0.5	15	1	US-10-043-875-881	Sequence 881, Appl	C 520	11.2	0.5	16	1	US-10-206-839-15	Sequence 15, Appl
C 448	11.8	0.5	15	1	US-10-010-802-14	Sequence 14, Appl	C 521	11.2	0.5	16	1	US-10-108-164-7	Sequence 7, Appl
C 449	11.8	0.5	15	1	US-10-010-802-144	Sequence 144, Appl	C 522	11.2	0.5	16	1	US-10-184-385-15	Sequence 15, Appl
C 450	11.8	0.5	15	1	US-10-229-755A-1	Sequence 1, Appl	C 523	11.2	0.5	16	1	US-10-084-839-1871	Sequence 1871, Ap
C 451	11.8	0.5	15	1	US-10-156-306-7809	Sequence 7809, Ap	C 524	11.2	0.5	16	1	US-10-084-839-3073	Sequence 3073, Ap
C 452	11.8	0.5	15	1	US-10-055-733-10	Sequence 10, Appl	C 525	11.2	0.5	16	1	US-10-092-885-18	Sequence 18, Appl
C 453	11.8	0.5	15	1	US-10-292-198-6	Sequence 6, Appl	C 526	11.2	0.5	16	1	US-10-092-885-32	Sequence 32, Appl
C 454	11.8	0.5	15	1	US-10-196-095-17	Sequence 17, Appl	C 527	11.2	0.5	16	1	US-10-092-885-57	Sequence 57, Appl
C 455	11.8	0.5	15	1	US-10-232-927A-68	Sequence 68, Appl	C 528	11.2	0.5	16	1	US-10-376-341-155	Sequence 155, Appl
C 456	11.8	0.5	15	1	US-10-440-850-857	Sequence 857, Appl	C 529	11.2	0.5	17	1	US-09-780-533A-1806	Sequence 1806, Ap
C 457	11.8	0.5	15	1	US-10-271-602B-208	Sequence 208, Appl	C 530	11.2	0.5	17	1	US-10-238-700-802	Sequence 802, Appl
C 458	11.8	0.5	15	1	US-10-264-309-472	Sequence 472, Appl	C 531	11.2	0.5	17	1	US-09-864-785-2140	Sequence 2140, Ap
C 459	11.8	0.5	15	1	US-09-741-744A-133	Sequence 133, Appl	C 532	11.2	0.5	17	1	US-10-156-306-5186	Sequence 5186, Ap
C 460	11.8	0.5	16	1	US-09-864-636A-2483	Sequence 2483, Ap	C 533	11.2	0.5	17	1	US-10-238-700-3585	Sequence 3585, Ap
C 461	11.8	0.5	16	1	US-09-864-636A-2483	Sequence 2483, Ap	C 534	11.2	0.5	18	1	US-10-197-290-36	Sequence 36, Appl
C 462	11.8	0.5	16	1	US-10-446-201-26	Sequence 26, Appl	C 535	11.2	0.5	18	1	US-10-388-263-189	Sequence 189, Appl
C 463	11.8	0.5	16	1	US-10-108-164-66	Sequence 66, Appl	C 536	11.2	0.5	20	1	US-09-976-782-72	Sequence 72, Appl
C 464	11.8	0.5	16	1	US-10-101-433A-38	Sequence 38, Appl	C 537	11	0.5	12	1	US-09-365-029-72	Sequence 72, Appl
C 465	11.8	0.5	16	1	US-10-084-839-2463	Sequence 2463, Ap	C 538	11	0.5	12	1	US-09-380-932-10	Sequence 10, Appl
C 466	11.8	0.5	16	1	US-10-277-216-367	Sequence 367, Appl	C 539	11	0.5	12	1	US-09-841-157A-19	Sequence 19, Appl
C 467	11.8	0.5	16	1	US-10-126-022-367	Sequence 367, Appl	C 540	11	0.5	12	1	US-10-117-108A-25	Sequence 25, Appl
C 468	11.8	0.5	17	1	US-09-866-108-8355	Sequence 8355, Ap	C 541	11	0.5	13	1	US-09-740-332-4742	Sequence 4742, Ap
C 469	11.6	0.5	19	1	US-10-251-117-90	Sequence 90, Appl	C 542	11	0.5	13	1	US-09-817-879-4742	Sequence 4742, Ap
C 470	11.6	0.5	19	1	US-10-251-117-339	Sequence 339, Appl	C 543	11	0.5	13	1	US-10-229-370-38	Sequence 38, Appl
C 471	11.6	0.5	20	1	US-10-289-845-14	Sequence 14, Appl	C 544	11	0.5	15	1	US-09-504-231A-1054	Sequence 1054, Ap



545	11	0.5	15	1	US-09-274-553D-1054	Sequence 1054, Ap	618	10.8	0.5	15	1	US-10-043-875-463	Sequence 463, App
c 546	11	0.5	15	1	US-09-918-728B-12	Sequence 12, Appl	619	10.8	0.5	15	1	US-10-043-875-880	Sequence 880, App
547	11	0.5	15	1	US-09-882-945A-288	Sequence 288, App	620	10.8	0.5	15	1	US-10-152-123-23	Sequence 23, Appl
c 548	11	0.5	15	1	US-10-044-674-46	Sequence 46, Appl	621	10.8	0.5	15	1	US-10-152-123-24	Sequence 24, Appl
549	11	0.5	15	1	US-10-197-019-34	Sequence 34, Appl	622	10.8	0.5	15	1	US-10-159-495-4	Sequence 4, Appl
c 550	11	0.5	15	1	US-10-193-507-40	Sequence 40, Appl	c 623	10.8	0.5	15	1	US-10-159-495-4	Sequence 4, Appl
551	11	0.5	15	1	US-09-877-478-6031	Sequence 6031, Ap	624	10.8	0.5	15	1	US-10-152-297-87	Sequence 87, Appl
552	11	0.5	18	1	US-10-108-732-47	Sequence 47, Appl	625	10.8	0.5	15	1	US-10-010-802-97	Sequence 97, Appl
c 553	11	0.5	19	1	US-10-244-647-572	Sequence 572, App	626	10.8	0.5	15	1	US-10-010-802-115	Sequence 115, App
554	11	0.5	19	1	US-10-244-647-1218	Sequence 1218, Ap	627	10.8	0.5	15	1	US-10-159-322-4	Sequence 4, Appl
c 555	11	0.5	19	1	US-10-244-647-644	Sequence 644, App	c 628	10.8	0.5	15	1	US-10-159-322-4	Sequence 4, Appl
556	11	0.5	19	1	US-10-244-647-1290	Sequence 1290, Ap	629	10.8	0.5	15	1	US-10-024-818-6	Sequence 6, Appl
557	11	0.5	19	1	US-10-251-117-578	Sequence 578, App	630	10.8	0.5	15	1	US-10-024-818-12	Sequence 12, Appl
c 558	11	0.5	19	1	US-10-251-117-885	Sequence 885, App	c 631	10.8	0.5	15	1	US-10-024-818-40	Sequence 40, Appl
c 559	11	0.5	19	1	US-10-148-687-55	Sequence 55, Appl	632	10.8	0.5	15	1	US-10-024-818-49	Sequence 49, Appl
c 560	11	0.5	19	1	US-10-244-647-637	Sequence 637, App	633	10.8	0.5	15	1	US-10-084-814-73	Sequence 73, Appl
561	11	0.5	19	1	US-10-244-647-1283	Sequence 1283, Ap	c 634	10.8	0.5	15	1	US-10-171-270-2	Sequence 2, Appl
562	11	0.5	19	1	US-10-349-143-7262	Sequence 7262, Ap	635	10.8	0.5	15	1	US-10-128-560-219	Sequence 219, App
c 563	11	0.5	22	1	US-10-321-039-633	Sequence 633, App	636	10.8	0.5	15	1	US-10-294-203-6	Sequence 6, Appl
564	11	0.5	24	1	US-10-276-358-36	Sequence 36, Appl	637	10.8	0.5	15	1	US-10-294-203-12	Sequence 12, Appl
c 565	10.8	0.5	14	1	US-09-504-231A-1321	Sequence 1321, Ap	c 638	10.8	0.5	15	1	US-10-294-203-40	Sequence 40, Appl
566	10.8	0.5	14	1	US-09-274-553D-1321	Sequence 1321, Ap	639	10.8	0.5	15	1	US-10-294-203-49	Sequence 49, Appl
567	10.8	0.5	14	1	US-09-865-579A-17	Sequence 17, Appl	640	10.8	0.5	15	1	US-10-044-674-44	Sequence 44, Appl
568	10.8	0.5	14	1	US-09-865-579A-19	Sequence 19, Appl	641	10.8	0.5	15	1	US-10-277-494-57	Sequence 57, Appl
c 569	10.8	0.5	14	1	US-09-943-983-89	Sequence 89, Appl	642	10.8	0.5	15	1	US-10-277-494-73	Sequence 73, Appl
570	10.8	0.5	14	1	US-09-943-983-129	Sequence 129, App	643	10.8	0.5	15	1	US-10-440-850-111	Sequence 111, App
c 571	10.8	0.5	14	1	US-10-461-790-133	Sequence 133, App	644	10.8	0.5	15	1	US-10-440-850-290	Sequence 290, App
c 572	10.8	0.5	14	1	US-10-043-875-462	Sequence 462, App	645	10.8	0.5	15	1	US-10-440-850-411	Sequence 411, App
c 573	10.8	0.5	14	1	US-10-043-875-882	Sequence 882, App	c 646	10.8	0.5	15	1	US-10-440-850-411	Sequence 411, App
574	10.8	0.5	14	1	US-10-150-045-17	Sequence 17, Appl	647	10.8	0.5	15	1	US-10-418-182-186	Sequence 186, App
575	10.8	0.5	14	1	US-10-277-494-74	Sequence 74, Appl	648	10.8	0.5	15	1	US-10-376-559-5	Sequence 5, Appl
576	10.8	0.5	14	1	US-10-457-839-70	Sequence 70, Appl	c 649	10.8	0.5	15	1	US-10-376-559-5	Sequence 5, Appl
c 577	10.8	0.5	15	1	US-09-790-417-251	Sequence 251, Appl	650	10.8	0.5	15	1	US-10-176-972A-68	Sequence 68, Appl
578	10.8	0.5	15	1	US-09-504-231A-300	Sequence 300, App	c 651	10.8	0.5	15	1	US-10-439-616-5	Sequence 5, Appl
c 579	10.8	0.5	15	1	US-09-504-231A-385	Sequence 385, App	652	10.8	0.5	15	1	US-10-271-602B-207	Sequence 207, App
c 580	10.8	0.5	15	1	US-09-504-231A-653	Sequence 653, App	c 653	10.8	0.5	16	1	US-10-321-039-718	Sequence 718, App
c 581	10.8	0.5	15	1	US-09-504-231A-776	Sequence 776, App	654	10.8	0.5	17	1	US-10-210-130-362	Sequence 362, App
c 582	10.8	0.5	15	1	US-09-504-231A-856	Sequence 856, App	655	10.8	0.5	17	1	US-10-096-125-1	Sequence 1, Appl
583	10.8	0.5	15	1	US-09-504-231A-949	Sequence 949, App	656	10.8	0.5	17	1	US-09-866-108-8356	Sequence 8356, Ap
c 584	10.8	0.5	15	1	US-09-504-231A-949	Sequence 949, App	657	10.8	0.5	17	1	US-09-780-533A-1399	Sequence 1399, Ap
585	10.8	0.5	15	1	US-09-860-996-8	Sequence 8, Appl	658	10.8	0.5	17	1	US-09-780-533A-2630	Sequence 2630, Ap
c 586	10.8	0.5	15	1	US-09-950-459-5	Sequence 5, Appl	659	10.8	0.5	17	1	US-10-156-306-7112	Sequence 7112, Ap
c 587	10.8	0.5	15	1	US-09-950-459-5	Sequence 5, Appl	660	10.8	0.5	17	1	US-09-866-108-2033	Sequence 2033, Ap
c 588	10.8	0.5	15	1	US-09-441-522-26	Sequence 26, Appl	c 661	10.8	0.5	17	1	US-09-870-002-27	Sequence 27, Appl
c 589	10.8	0.5	15	1	US-09-441-522-26	Sequence 26, Appl	662	10.8	0.5	18	1	US-10-423-007-31	Sequence 31, Appl
c 590	10.8	0.5	15	1	US-09-274-553D-300	Sequence 300, App	c 663	10.6	0.5	15	1	US-09-945-505-4	Sequence 4, Appl
c 591	10.8	0.5	15	1	US-09-274-553D-385	Sequence 385, App	664	10.6	0.5	15	1	US-10-418-182-209	Sequence 209, App
c 592	10.8	0.5	15	1	US-09-274-553D-653	Sequence 653, App	665	10.6	0.5	15	1	US-10-418-182-391	Sequence 391, App
c 593	10.8	0.5	15	1	US-09-274-553D-776	Sequence 776, App	666	10.6	0.5	17	1	US-09-866-108-2783	Sequence 2783, Ap
c 594	10.8	0.5	15	1	US-09-274-553D-856	Sequence 856, App	667	10.6	0.5	17	1	US-09-825-805-680	Sequence 680, App
c 595	10.8	0.5	15	1	US-09-274-553D-949	Sequence 949, App	668	10.6	0.5	17	1	US-10-163-552-379	Sequence 379, App
c 596	10.8	0.5	15	1	US-09-274-553D-949	Sequence 949, App	669	10.6	0.5	17	1	US-10-060-998-312	Sequence 312, App
c 597	10.8	0.5	15	1	US-09-891-517-50	Sequence 50, Appl	670	10.6	0.5	17	1	US-10-060-998-313	Sequence 313, App
c 598	10.8	0.5	15	1	US-09-825-805-137	Sequence 137, App	c 671	10.6	0.5	17	1	US-09-818-875-3630	Sequence 3630, Ap
599	10.8	0.5	15	1	US-09-739-909-1	Sequence 1, Appl	672	10.6	0.5	17	1	US-09-818-875-3631	Sequence 3631, Ap
c 600	10.8	0.5	15	1	US-09-771-933-173	Sequence 173, App	673	10.6	0.5	17	1	US-10-061-201-1958	Sequence 1958, Ap
601	10.8	0.5	15	1	US-09-877-478-6005	Sequence 6005, Ap	c 674	10.6	0.5	17	1	US-10-209-787-3630	Sequence 3630, Ap
602	10.8	0.5	15	1	US-09-848-754A-9233	Sequence 9233, Ap	675	10.6	0.5	17	1	US-10-209-787-3631	Sequence 3631, Ap
603	10.8	0.5	15	1	US-09-848-754A-9628	Sequence 9628, Ap	c 676	10.6	0.5	17	1	US-10-261-185-3630	Sequence 3630, Ap
604	10.8	0.5	15	1	US-09-565-191-5	Sequence 5, Appl	c 677	10.6	0.5	17	1	US-10-261-185-3631	Sequence 3631, Ap
c 605	10.8	0.5	15	1	US-09-565-191-9	Sequence 9, Appl	678	10.6	0.5	17	1	US-09-864-785-661	Sequence 661, App
c 606	10.8	0.5	15	1	US-09-565-191-9	Sequence 9, Appl	c 679	10.6	0.5	17	1	US-09-902-214-37	Sequence 37, Appl
c 607	10.8	0.5	15	1	US-09-565-191-9	Sequence 9, Appl	680	10.6	0.5	20	1	US-10-453-792-135	Sequence 135, App
c 608	10.8	0.5	15	1	US-09-793-146-57	Sequence 57, Appl	c 681	10.6	0.5	23	1	US-10-464-609-12	Sequence 12, Appl
609	10.8	0.5	15	1	US-09-875-211-16	Sequence 16, Appl	c 682	10.4	0.5	12	1	US-09-365-029-37	Sequence 37, Appl
c 610	10.8	0.5	15	1	US-09-875-211-16	Sequence 16, Appl	c 683	10.4	0.5	12	1	US-09-365-029-59	Sequence 59, Appl
c 611	10.8	0.5	15	1	US-10-113-877-35	Sequence 35, Appl	684	10.4	0.5	12	1	US-09-835-371-32	Sequence 32, Appl
c 612	10.8	0.5	15	1	US-10-056-414-10	Sequence 10, Appl	c 685	10.4	0.5	12	1	US-09-765-061B-36	Sequence 36, Appl
c 613	10.8	0.5	15	1	US-10-056-414-124	Sequence 124, App	c 686	10.4	0.5	12	1	US-09-835-370-32	Sequence 32, Appl
614	10.8	0.5	15	1	US-10-056-414-198	Sequence 198, App	c 687	10.4	0.5	12	1	US-10-117-108A-18	Sequence 18, Appl
c 615	10.8	0.5	15	1	US-10-056-414-201	Sequence 201, App	c 688	10.4	0.5	12	1	US-10-232-927A-5	Sequence 5, Appl
616	10.8	0.5	15	1	US-10-056-414-205	Sequence 205, App	c 689	10.4	0.5	12	1	US-10-232-927A-33	Sequence 33, Appl
c 617	10.8	0.5	15	1	US-10-116-993-11	Sequence 11, Appl	c 690	10.4	0.5	12	1	US-10-232-927A-35	Sequence 35, Appl

c 691 10.4 0.5 13 1 US-08-726-093-8  
c 692 10.4 0.5 13 1 US-09-365-029-74  
c 693 10.4 0.5 13 1 US-09-825-805-136  
c 694 10.4 0.5 13 1 US-09-888-326-450  
c 695 10.4 0.5 13 1 US-09-971-372A-12  
c 696 10.4 0.5 13 1 US-09-997-672-32  
c 697 10.4 0.5 13 1 US-09-877-478-6129  
c 698 10.4 0.5 13 1 US-09-776-479-796  
c 699 10.4 0.5 13 1 US-10-362-711-18  
c 700 10.4 0.5 13 1 US-10-112-653-769  
c 701 10.4 0.5 13 1 US-10-017-995-796  
c 702 10.4 0.5 13 1 US-10-084-839-3050  
c 703 10.4 0.5 13 1 US-10-091-281-443  
c 704 10.4 0.5 13 1 US-10-362-282-12  
c 705 10.4 0.5 14 1 US-10-356-625-20  
c 706 10.4 0.5 14 1 US-09-504-231A-1309  
c 707 10.4 0.5 14 1 US-09-504-231A-1460  
c 708 10.4 0.5 14 1 US-09-274-553D-1309  
c 709 10.4 0.5 14 1 US-09-274-553D-1460  
c 710 10.4 0.5 14 1 US-09-978-600-200  
c 711 10.4 0.5 14 1 US-10-146-058-87  
c 712 10.4 0.5 14 1 US-10-146-058-125  
c 713 10.4 0.5 14 1 US-10-112-882-4  
c 714 10.4 0.5 14 1 US-10-270-839-2  
c 715 10.4 0.5 14 1 US-10-062-248-1  
c 716 10.4 0.5 14 1 US-10-163-371-6  
c 717 10.4 0.5 14 1 US-10-356-625-18  
c 718 10.4 0.5 14 1 US-10-362-817-4  
c 719 10.4 0.5 14 1 US-10-220-033-15  
c 720 10.4 0.5 14 1 US-10-276-401-2  
c 721 10.4 0.5 14 1 US-10-455-552-93  
c 722 10.4 0.5 14 1 US-10-455-552-95  
c 723 10.4 0.5 14 1 US-10-455-552-98

## ALIGNMENTS

RESULT 1  
US-09-899-422-9  
; Sequence 9, Application US/09899422  
; Patent No. US2002090676A1  
; GENERAL INFORMATION:  
; APPLICANT: Hauptmann, Rudolph  
; APPLICANT: Himmler, Adolph  
; APPLICANT: Maurer-Fogy, Ingrid  
; APPLICANT: Stratowa, Christian  
; TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for  
; FILE REFERENCE: 98,385-H  
; CURRENT APPLICATION NUMBER: US/09/899,422  
; PRIOR FILING DATE: 2001-08-21  
; PRIOR APPLICATION NUMBER: 09/525,998  
; PRIOR FILING DATE: 2000-03-15  
; PRIOR APPLICATION NUMBER: 08/383,676  
; PRIOR FILING DATE: 1995-02-01  
; PRIOR APPLICATION NUMBER: 08/153,287  
; PRIOR FILING DATE: 1993-11-17  
; PRIOR APPLICATION NUMBER: 07/821,750  
; PRIOR FILING DATE: 1992-01-02  
; PRIOR APPLICATION NUMBER: 07/511,430  
; PRIOR FILING DATE: 1990-04-20  
; NUMBER OF SEQ ID NOS: 87  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 9  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1)..(30)  
US-09-899-422-9

Sequence 8, Appli  
Sequence 74, Appl  
Sequence 136, App  
Sequence 450, App  
Sequence 12, Appl  
Sequence 32, Appl  
Sequence 6129, Ap  
Sequence 736, App  
Sequence 18, Appl  
Sequence 769, App  
Sequence 736, App  
Sequence 3050, Ap  
Sequence 443, App  
Sequence 12, Appl  
Sequence 20, Appl  
Sequence 1309, Ap  
Sequence 1460, Ap  
Sequence 1309, Ap  
Sequence 1460, Ap  
Sequence 200, App  
Sequence 87, Appl  
Sequence 125, App  
Sequence 4, Appli  
Sequence 2, Appli  
Sequence 6, Appli  
Sequence 18, Appl  
Sequence 4, Appli  
Sequence 15, Appl  
Sequence 2, Appli  
Sequence 93, Appl  
Sequence 95, Appl  
Sequence 98, Appl

Query Match 1.4%; Score 30; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 0.012;  
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 859 GTTAAGGGCACTGAGGACTCAGGCACCACA 888

Db 1 GTTAAGGGCACTGAGGACTCAGGCACCACA 30

## RESULT 2

US-09-898-234-9  
; Sequence 9, Application US/09898234  
; Patent No. US20020155112A1  
; GENERAL INFORMATION:  
; APPLICANT: Hauptmann, Rudolph  
; APPLICANT: Himmler, Adolph  
; APPLICANT: Maurer-Fogy, Ingrid  
; APPLICANT: Stratowa, Christian  
; TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for  
; FILE REFERENCE: 98,385-I  
; CURRENT APPLICATION NUMBER: US/09/898,234  
; CURRENT FILING DATE: 2001-07-03  
; PRIOR APPLICATION NUMBER: 09/525,998  
; PRIOR FILING DATE: 2000-03-15  
; PRIOR APPLICATION NUMBER: 08/383,676  
; PRIOR FILING DATE: 1995-02-01  
; PRIOR APPLICATION NUMBER: 08/153,287  
; PRIOR FILING DATE: 1993-11-17  
; PRIOR APPLICATION NUMBER: 07/821,750  
; PRIOR FILING DATE: 1992-01-02  
; PRIOR APPLICATION NUMBER: 07/511,430  
; PRIOR FILING DATE: 1990-04-20  
; NUMBER OF SEQ ID NOS: 87  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 9  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1)..(30)  
US-09-898-234-9

Query Match 1.4%; Score 30; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 0.012;  
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 859 GTTAAGGGCACTGAGGACTCAGGCACCACA 888

Db 1 GTTAAGGGCACTGAGGACTCAGGCACCACA 30

RESULT 3

US-09-792-356-9  
; Sequence 9, Application US/09792356  
; Publication No. US20020183485A1  
; GENERAL INFORMATION:  
; APPLICANT: Hauptmann, Rudolph  
; APPLICANT: Himmler, Adolph  
; APPLICANT: Maurer-Fogy, Ingrid  
; APPLICANT: Stratowa, Christian  
; TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for  
; FILE REFERENCE: 98,385-G  
; CURRENT APPLICATION NUMBER: US/09/792,356  
; CURRENT FILING DATE: 2001-08-17  
; PRIOR APPLICATION NUMBER: 08/477,639  
; PRIOR FILING DATE: 1995-06-07  
; PRIOR APPLICATION NUMBER: 08/383,676  
; PRIOR FILING DATE: 1995-02-01  
; PRIOR APPLICATION NUMBER: 08/153,287  
; PRIOR FILING DATE: 1993-11-17

;; PRIOR APPLICATION NUMBER: 07/821,750  
;; PRIOR FILING DATE: 1992-01-02  
;; PRIOR APPLICATION NUMBER: 07/511,430  
;; PRIOR FILING DATE: 1990-04-20  
;; NUMBER OF SEQ ID NOS: 87  
;; SOFTWARE: Patent In Ver. 2.0  
;; SEQ ID NO 9  
;; LENGTH: 30  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
;; FEATURE:  
;; NAME/KEY: CDS  
;; LOCATION: (1)..(30)  
US-09-792-356-9

Query Match 1.4%; Score 30; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 0.012;  
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 859 GTTAAGGCACTCAGGACTCAGGCACCACA 888  
|||||  
Db 1 GTTAAGGCACTCAGGACTCAGGCACCACA 30  
|||||

RESULT 4  
US-09-756-186-19/c  
;; Sequence 19, Application US/09756186  
;; Patent No. US20010014333A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Campbell, Robert K.  
;; APPLICANT: Jameson, Bradford A.  
;; APPLICANT: Chappel, Scott C.  
;; TITLE OF INVENTION: HYBRID PROTEINS  
;; NUMBER OF SEQUENCES: 22  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: BROWDY AND NEIMARK  
;; STREET: 419 Seventh Street N.W., Ste. 300  
;; CITY: Washington  
;; STATE: D.C.  
;; COUNTRY: USA  
;; ZIP: 22207  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent In Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09756,186  
;; FILING DATE:  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/804,166  
;; FILING DATE:  
;; CLASSIFICATION:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Browdy, Roger L.  
;; REGISTRATION NUMBER: 25,618  
;; REFERENCE/DOCKET NUMBER: CAMPBELL=2A  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (202) 628-5197  
;; TELEFAX: (202) 737-3528  
;; INFORMATION FOR SEQ ID NO: 19:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 21 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
US-09-756-186-19

Query Match 1.0%; Score 21; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.5;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCAGGCACCACA 888  
|||||  
Db 21 ACTGAGGACTCAGGCACCACA 1  
|||||

RESULT 5  
US-10-349-977-2/c  
;; Sequence 2, Application US/10349977  
;; Publication No. US20040013646A1  
;; GENERAL INFORMATION:  
;; APPLICANT: WALLACH, David  
;; BOLDIN, Mark  
;; METT, Igor  
;; VARFOLOMEYEV, Eugene  
;; TITLE OF INVENTION: MODULATOR OF TNF/NGF SUPERFAMILY RECEPTORS  
;; AND SOLUBLE OLIGOMERIC TNF/NGF SUPERFAMILY RECEPTORS  
;; NUMBER OF SEQUENCES: 37  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: BROWDY AND NEIMARK  
;; STREET: 419 Seventh Street, N.W., Suite 300  
;; CITY: Washington  
;; STATE: D.C.  
;; COUNTRY: USA  
;; ZIP: 20004  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent In Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/10/349,977  
;; FILING DATE: 24-Jan-2003  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/747,562  
;; FILING DATE: 11-MAY-1995  
;; APPLICATION NUMBER: PCT/US95/05854  
;; FILING DATE: 11-MAY-1994  
;; APPLICATION NUMBER: IL 109,632  
;; FILING DATE: 02-OCT-1994  
;; APPLICATION NUMBER: IL 111,125  
;; FILING DATE: 02-OCT-1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: BROWDY, Roger L.  
;; REGISTRATION NUMBER: 25,618  
;; REFERENCE/DOCKET NUMBER: WALLACH=15A  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 202-628-5197  
;; TELEFAX: 202-737-3528  
;; INFORMATION FOR SEQ ID NO: 2:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 28 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
;; SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-10-349-977-2

Query Match 0.9%; Score 20; DB 1; Length 28;  
Best Local Similarity 100.0%; Pred. No. 6.8;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 GAGGACTCAGGCACCACAGT 890  
|||||  
Db 28 GAGGACTCAGGCACCACAGT 9  
|||||

RESULT 6  
US-10-464-609-12  
;; Sequence 12, Application US/10464609  
;; Publication No. US20040029230A1  
;; GENERAL INFORMATION:

; APPLICANT: KYNDT, John, Jozef Armand  
; APPLICANT: VAN BEEUMEN, Jozef  
; TITLE OF INVENTION: No. US20040029230A1el Methods For Synthesis of  
; TITLE OF INVENTION: Holo-Photoactive Yellow Protein  
; FILE REFERENCE: 50304/008001  
; CURRENT APPLICATION NUMBER: US/10/464,609  
; CURRENT FILING DATE: 2003-06-18  
; PRIOR APPLICATION NUMBER: US 60/389,593  
; PRIOR FILING DATE: 2002-06-18  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 12  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-10-464-609-12

Query Match 0.8%; Score 18.2; DB 1; Length 23;  
Best Local Similarity 87.0%; Pred. No. 12;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1065 CCCAGCTTCAGTCCACCTCCAG 1087  
Db 1 CGCAGCTTCAGTCCCAATCCCG 23

RESULT 7  
US-10-113-877-128/c  
; Sequence 128, Application US/10113877  
; Publication No. US20020177218A1  
; GENERAL INFORMATION:  
; APPLICANT: Fang, Yu  
; APPLICANT: Wang, Xiao-Yang  
; APPLICANT: Turpin, Pierre  
; TITLE OF INVENTION: Methods of detecting multiple DNA  
; TITLE OF INVENTION: binding protein and DNA interactions in a sample, and  
; TITLE OF INVENTION: devices, systems and kits for practicing the same.

; FILE REFERENCE: CLON-071  
; CURRENT APPLICATION NUMBER: US/10/113,877  
; CURRENT FILING DATE: 2002-03-29  
; PRIOR APPLICATION NUMBER: 60/280,658  
; PRIOR FILING DATE: 2001-03-30  
; PRIOR APPLICATION NUMBER: 60/314,330  
; PRIOR FILING DATE: 2001-08-20  
; NUMBER OF SEQ ID NOS: 192  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 128  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide  
US-10-113-877-128

Query Match 0.8%; Score 18.2; DB 1; Length 23;  
Best Local Similarity 87.0%; Pred. No. 12;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1183 CCCGCGAGAGGTGGCACC 1205  
Db 23 CGCGCGAGAGGTGGCAGTCC 1

RESULT 8  
US-09-756-301A-15/c  
; Sequence 15, Application US/09756301A  
; Patent No. US20010027249A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter

; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
; TITLE OF INVENTION: Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975,1005-008  
; CURRENT APPLICATION NUMBER: US/09/756,301A  
; CURRENT FILING DATE: 2001-01-08  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; PRIOR FILING DATE: 1991-03-18  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 15  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR oligonucleotides  
US-09-756-301A-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852  
Db 18 TTGTGCTACCCAGATT 1

RESULT 9  
US-09-927-703-15/c  
; Sequence 15, Application US/09927703  
; Patent No. US20020022720A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
; TITLE OF INVENTION: Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975,1005-013  
; CURRENT APPLICATION NUMBER: US/09/927,703  
; CURRENT FILING DATE: 2001-08-10  
; PRIOR APPLICATION NUMBER: U.S. 09/756,398  
; PRIOR FILING DATE: 2001-01-08  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18

PRIOR APPLICATION NUMBER: U.S. 08/192,102  
PRIOR FILING DATE: 1994-02-04  
PRIOR APPLICATION NUMBER: U.S. 08/192,861  
PRIOR FILING DATE: 1994-02-04  
PRIOR APPLICATION NUMBER: U.S. 08/192,093  
PRIOR FILING DATE: 1994-02-04  
PRIOR APPLICATION NUMBER: U.S. 08/010,406  
PRIOR FILING DATE: 1993-01-29  
PRIOR APPLICATION NUMBER: U.S. 08/013,413  
PRIOR FILING DATE: 1993-02-02  
PRIOR APPLICATION NUMBER: U.S. 07/943,852  
PRIOR FILING DATE: 1992-09-11  
PRIOR APPLICATION NUMBER: U.S. 07/853,606  
PRIOR FILING DATE: 1992-03-18  
PRIOR APPLICATION NUMBER: U.S. 07/670,827  
PRIOR FILING DATE: 1991-03-18  
NUMBER OF SEQ ID NOS: 19  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 15  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR oligonucleotides  
US-09-927-703-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852  
DB 18 TTGTGCTACCCAGATT 1

## RESULT 10

US-09-766-535A-15/c  
Sequence 15, Application US/09766535A  
Patent No. US20020106372A1

GENERAL INFORMATION:  
APPLICANT: Le, Junming  
APPLICANT: Vilcek, Jan  
APPLICANT: Daddona, Peter  
APPLICANT: Ghayeb, John  
APPLICANT: Knight, David M.  
APPLICANT: Siegel, Scott  
TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
Human Tumor Necrosis Factor  
FILE REFERENCE: 0975.1005-010  
CURRENT APPLICATION NUMBER: US/09766,535A  
CURRENT FILING DATE: 2001-01-18  
PRIOR APPLICATION NUMBER: U.S. 09/133,119  
PRIOR FILING DATE: 1998-08-12  
PRIOR APPLICATION NUMBER: U.S. 08/570,674  
PRIOR FILING DATE: 1995-12-11  
PRIOR APPLICATION NUMBER: U.S. 08/324,799  
PRIOR FILING DATE: 1994-10-18  
PRIOR APPLICATION NUMBER: U.S. 08/192,102  
PRIOR FILING DATE: 1994-02-04  
PRIOR APPLICATION NUMBER: U.S. 08/192,861  
PRIOR FILING DATE: 1994-02-04  
PRIOR APPLICATION NUMBER: U.S. 08/192,093  
PRIOR FILING DATE: 1993-01-29  
PRIOR APPLICATION NUMBER: U.S. 08/013,413  
PRIOR FILING DATE: 1993-02-02  
PRIOR APPLICATION NUMBER: U.S. 07/943,852  
PRIOR FILING DATE: 1992-09-11  
PRIOR APPLICATION NUMBER: U.S. 07/853,606  
PRIOR FILING DATE: 1992-03-18  
PRIOR APPLICATION NUMBER: U.S. 07/670,827  
PRIOR FILING DATE: 1991-03-18

NUMBER OF SEQ ID NOS: 19  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 15  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR oligonucleotides  
US-09-766-535A-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852  
DB 18 TTGTGCTACCCAGATT 1

## RESULT 11

US-09-756-161A-15/c  
Sequence 15, Application US/09756161A  
Patent No. US20020132307A1

GENERAL INFORMATION:  
APPLICANT: Le, Junming  
APPLICANT: Vilcek, Jan  
APPLICANT: Daddona, Peter  
APPLICANT: Ghayeb, John  
APPLICANT: Knight, David M.  
APPLICANT: Siegel, Scott  
TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
Human Tumor Necrosis Factor  
FILE REFERENCE: 0975.1005-007  
CURRENT APPLICATION NUMBER: US/09756,161A  
CURRENT FILING DATE: 2001-01-08  
PRIOR APPLICATION NUMBER: U.S. 09/133,119  
PRIOR FILING DATE: 1998-08-12  
PRIOR APPLICATION NUMBER: U.S. 08/570,674  
PRIOR FILING DATE: 1995-12-11  
PRIOR APPLICATION NUMBER: U.S. 08/324,799  
PRIOR FILING DATE: 1994-10-18  
PRIOR APPLICATION NUMBER: U.S. 08/192,102  
PRIOR FILING DATE: 1994-02-04  
PRIOR APPLICATION NUMBER: U.S. 08/192,861  
PRIOR FILING DATE: 1994-02-04  
PRIOR APPLICATION NUMBER: U.S. 08/192,093  
PRIOR FILING DATE: 1994-02-04  
PRIOR APPLICATION NUMBER: U.S. 08/010,406  
PRIOR FILING DATE: 1993-01-29  
PRIOR APPLICATION NUMBER: U.S. 08/013,413  
PRIOR FILING DATE: 1993-02-02  
PRIOR APPLICATION NUMBER: U.S. 07/943,852  
PRIOR FILING DATE: 1992-09-11  
PRIOR APPLICATION NUMBER: U.S. 07/853,606  
PRIOR FILING DATE: 1992-03-18  
PRIOR APPLICATION NUMBER: U.S. 07/670,827  
PRIOR FILING DATE: 1991-03-18  
NUMBER OF SEQ ID NOS: 19  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 15  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR oligonucleotides  
US-09-756-161A-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852  
DB 18 TTGTGCTACCCAGATT 1



```
RESULT 15
US-10-044-534-15/c
; Sequence 15, Application US/10044534
; Publication No. US20020146419A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/044,534
; CURRENT FILING DATE: 2002-01-10
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-044-534-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 16
US-10-043-432-15/c
; Sequence 15, Application US/10043432
; Publication No. US20030054004A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/208,145
; CURRENT FILING DATE: 2002-07-29
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-044-534-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 17
US-10-208-145-15/c
; Sequence 15, Application US/10208145
; Publication No. US2003013935A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/208,145
; CURRENT FILING DATE: 2002-07-29
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-043-432-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1
```



; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 15  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR oligonucleotides  
US-10-208-145-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852  
| | | | | | | | | | | | | | | | | |  
Db 18 TTGTGCTACCCAGATT 1

RESULT 18  
US-10-198-845-15/c  
; Sequence 15, Application US/10198845  
; Publication No. US2003014484A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
; TITLE OF INVENTION: Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-006  
; CURRENT FILING DATE: 2002-07-18  
; PRIOR APPLICATION NUMBER: US/10/198,845  
; PRIOR FILING DATE: 2002-07-18  
; PRIOR APPLICATION NUMBER: US/09/756,398  
; PRIOR FILING DATE: 2001-01-08  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 15  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR oligonucleotides  
US-10-198-845-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852  
| | | | | | | | | | | | | | | | | |  
Db 18 TTGTGCTACCCAGATT 1

RESULT 19  
US-10-227-488-15/c  
; Sequence 15, Application US/10227488  
; Publication No. US20030147891A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
; TITLE OF INVENTION: Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-025  
; CURRENT APPLICATION NUMBER: US/10/227,488  
; CURRENT FILING DATE: 2002-08-23  
; PRIOR APPLICATION NUMBER: U.S. 09/766,535  
; PRIOR FILING DATE: 2001-01-18  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; PRIOR FILING DATE: 1991-03-18  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 15  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR oligonucleotides  
US-10-227-488-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852  
| | | | | | | | | | | | | | | | | |

Db 18 TTGTGCTACCCAGATT 1

RESULT 20

US-10-187-121-15/c

Sequence 15, Application US/10187121

Publication No. US20030175275A1

GENERAL INFORMATION:

APPLICANT: Le, Junming

APPLICANT: Vilcek, Jan

APPLICANT: Daddona, Peter

APPLICANT: Ghayeb, John

APPLICANT: Knight, David M.

APPLICANT: Siegel, Scott

TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of

TITLE OF INVENTION: Human Tumor Necrosis Factor

FILE REFERENCE: 0975.1005-006

CURRENT FILING DATE: 2002-06-28

PRIOR APPLICATION NUMBER: US/10/187,121

PRIOR FILING DATE: 2002-06-28

PRIOR APPLICATION NUMBER: US 09/756,398

PRIOR FILING DATE: 2001-01-08

PRIOR APPLICATION NUMBER: U.S. 09/133,119

PRIOR FILING DATE: 1998-08-12

PRIOR APPLICATION NUMBER: U.S. 08/570,674

PRIOR FILING DATE: 1995-12-11

PRIOR APPLICATION NUMBER: U.S. 08/324,799

PRIOR FILING DATE: 1994-10-18

PRIOR APPLICATION NUMBER: U.S. 08/192,102

PRIOR FILING DATE: 1994-02-04

PRIOR APPLICATION NUMBER: U.S. 08/192,861

PRIOR FILING DATE: 1994-02-04

PRIOR APPLICATION NUMBER: U.S. 08/192,093

PRIOR FILING DATE: 1993-01-29

PRIOR APPLICATION NUMBER: U.S. 08/010,406

PRIOR FILING DATE: 1993-02-02

PRIOR APPLICATION NUMBER: U.S. 07/943,852

PRIOR FILING DATE: 1992-09-11

PRIOR APPLICATION NUMBER: U.S. 07/853,606

PRIOR FILING DATE: 1992-03-18

PRIOR APPLICATION NUMBER: U.S. 07/670,827

PRIOR FILING DATE: 1991-03-18

NUMBER OF SEQ ID NOS: 19

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 15

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PCR oligonucleotides

US-10-187-121-15

Query Match 0.8%; Score 18; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 6.6;

Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852

Db 18 TTGTGCTACCCAGATT 1

RESULT 21

US-10-176-460-15/c

Sequence 15, Application US/10176460

Publication No. US20030176676A1

GENERAL INFORMATION:

APPLICANT: Le, Junming

APPLICANT: Vilcek, Jan

APPLICANT: Daddona, Peter

APPLICANT: Ghayeb, John

APPLICANT: Knight, David M.

APPLICANT: Siegel, Scott

TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of

TITLE OF INVENTION: Human Tumor Necrosis Factor

FILE REFERENCE: 0975.1005-006

CURRENT FILING DATE: 2002-06-28

PRIOR APPLICATION NUMBER: US/10/186,559

PRIOR FILING DATE: 2002-06-28

PRIOR APPLICATION NUMBER: US 09/756,398

PRIOR FILING DATE: 2001-01-08

PRIOR APPLICATION NUMBER: U.S. 09/133,119

PRIOR FILING DATE: 1998-08-12

PRIOR APPLICATION NUMBER: U.S. 08/570,674

PRIOR FILING DATE: 1995-12-11

PRIOR APPLICATION NUMBER: U.S. 08/324,799

PRIOR FILING DATE: 1994-10-18

PRIOR APPLICATION NUMBER: U.S. 08/192,102

; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of

; TITLE OF INVENTION: Human Tumor Necrosis Factor

; FILE REFERENCE: 0975.1005-006

; CURRENT APPLICATION NUMBER: US/10/176,460

; CURRENT FILING DATE: 2002-06-20

; PRIOR APPLICATION NUMBER: US/09/756,398

; PRIOR FILING DATE: 2001-01-08

; PRIOR APPLICATION NUMBER: U.S. 09/133,119

; PRIOR FILING DATE: 1998-08-12

; PRIOR APPLICATION NUMBER: U.S. 08/570,674

; PRIOR FILING DATE: 1995-12-11

; PRIOR APPLICATION NUMBER: U.S. 08/324,799

; PRIOR FILING DATE: 1994-10-18

; PRIOR APPLICATION NUMBER: U.S. 08/192,102

; PRIOR FILING DATE: 1994-02-04

; PRIOR APPLICATION NUMBER: U.S. 08/192,861

; PRIOR FILING DATE: 1994-02-04

; PRIOR APPLICATION NUMBER: U.S. 08/192,093

; PRIOR FILING DATE: 1993-01-29

; PRIOR APPLICATION NUMBER: U.S. 08/010,406

; PRIOR FILING DATE: 1993-02-02

; PRIOR APPLICATION NUMBER: U.S. 07/943,852

; PRIOR FILING DATE: 1992-09-11

; PRIOR APPLICATION NUMBER: U.S. 07/853,606

; PRIOR FILING DATE: 1992-03-18

; PRIOR APPLICATION NUMBER: U.S. 07/670,827

; PRIOR FILING DATE: 1991-03-18

; NUMBER OF SEQ ID NOS: 19

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 15

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: PCR oligonucleotides

US-10-176-460-15

Query Match 0.8%; Score 18; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 6.6;

Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852

Db 18 TTGTGCTACCCAGATT 1

RESULT 22

US-10-186-559-15/c

Sequence 15, Application US/10186559

Publication No. US20030180299A1

GENERAL INFORMATION:

APPLICANT: Le, Junming

APPLICANT: Vilcek, Jan

APPLICANT: Daddona, Peter

APPLICANT: Ghayeb, John

APPLICANT: Knight, David M.

APPLICANT: Siegel, Scott

TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of

TITLE OF INVENTION: Human Tumor Necrosis Factor

FILE REFERENCE: 0975.1005-006

CURRENT APPLICATION NUMBER: US/10/186,559

CURRENT FILING DATE: 2002-06-28

PRIOR APPLICATION NUMBER: US 09/756,398

PRIOR FILING DATE: 2001-01-08

PRIOR APPLICATION NUMBER: U.S. 09/133,119

PRIOR FILING DATE: 1998-08-12

PRIOR APPLICATION NUMBER: U.S. 08/570,674

PRIOR FILING DATE: 1995-12-11

PRIOR APPLICATION NUMBER: U.S. 08/324,799

PRIOR FILING DATE: 1994-10-18

PRIOR APPLICATION NUMBER: U.S. 08/192,102

; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; PRIOR FILING DATE: 1991-03-18  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 15  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR oligonucleotides  
US-10-186-559-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 835 TTGTGCTTACCCAGATT 852  
DB 18 TTGTGCTTACCCAGATT 1

RESULT 23  
US-10-371-961-15/c  
; Sequence 15, Application US/10371961  
; Publication No. US20030181695A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Methods of Treating Vascular Inflammatory  
; TITLE OF INVENTION: Pathology By Multiple Administration Of Chimeric  
; TITLE OF INVENTION: Anti-TNF Antibodies  
; FILE REFERENCE: 0975.1005-033  
; CURRENT APPLICATION NUMBER: US/10/371,961  
; PRIOR FILING DATE: 2003-02-21  
; PRIOR APPLICATION NUMBER: U.S. 08/756,398  
; PRIOR FILING DATE: 2001-01-08  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; PRIOR FILING DATE: 1991-03-18  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 15  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR oligonucleotides  
US-10-186-559-15

; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 15  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR oligonucleotides  
US-10-371-961-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 835 TTGTGCTTACCCAGATT 852  
DB 18 TTGTGCTTACCCAGATT 1

RESULT 24  
US-10-200-795-15/c  
; Sequence 15, Application US/10200795  
; Publication No. US20030187231A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
; FILE REFERENCE: 0975.1005-006  
; CURRENT APPLICATION NUMBER: US/10/200,795  
; PRIOR FILING DATE: 2002-07-22  
; PRIOR APPLICATION NUMBER: US/09/756,398  
; PRIOR FILING DATE: 2001-01-08  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; PRIOR FILING DATE: 1991-03-18  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 15  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR oligonucleotides  
US-10-200-795-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 835 TTGTGCTTACCCAGATT 852

```

, APPLICANT: Le, Junning
, APPLICANT: Vilcek, Jan
, APPLICANT: Daddona, Peter
, APPLICANT: Grayeb, John
, APPLICANT: Knight, David M.
, APPLICANT: Siegel, Scott
, TITLE OF INVENTION: Methods of Treating Joint Inflammation
, TITLE OF INVENTION: With Chimeric Anti-TNF Antibodies

```

RESULT 27  
US-10-379-866-15/c  
; Sequence 15, Application US/10379866  
; Publication No. US20030198641A1  
; GENERAL INFORMATION:  
; APPLICANT: Le Junning  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Grayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Methods of Treating Ulcerative Colitis  
; TITLE OF INVENTION: With Chimeric Anti-TNF Antibodies  
; FILE REFERENCE: 0975.1005-034  
; CURRENT APPLICATION NUMBER: US/10/379.866

✓	PRIOR APPLICATION NUMBER:	U.S.	09/156,399
✓	PRIOR FILING DATE:	2001-01-08	
✓	PRIOR APPLICATION NUMBER:	U.S.	09/133,119
✓	PRIOR FILING DATE:	1998-08-12	
✓	PRIOR APPLICATION NUMBER:	U.S.	08/570,674
✓	PRIOR FILING DATE:	1995-12-11	
✓	PRIOR APPLICATION NUMBER:	U.S.	08/324,799
✓	PRIOR FILING DATE:	1994-10-18	
✓	PRIOR APPLICATION NUMBER:	U.S.	08/192,402
✓	PRIOR FILING DATE:	1994-02-04	
✓	PRIOR APPLICATION NUMBER:	U.S.	08/192,861
✓	PRIOR FILING DATE:	1994-02-04	
✓	PRIOR APPLICATION NUMBER:	U.S.	08/192,093
✓	PRIOR FILING DATE:	1994-02-04	

;; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
;; PRIOR FILING DATE: 1993-01-29  
;; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
;; PRIOR FILING DATE: 1993-02-02  
;; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
;; PRIOR FILING DATE: 1992-09-11  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 30  
;; SOFTWARE: FastSeq for Windows Version 4.0  
;; SEQ ID NO 15  
;; LENGTH: 18  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: PCR oligonucleotides  
US-10-379-866-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 6.6;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTTACCCAGATT 852  
|||  
DB 18 TTGTGCTTACCCAGATT 1

RESULT 28  
US-09-757-041-11  
;; Sequence 11, Application US/09757041  
;; Patent No. US20020009726A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Reed, John C.  
;; APPLICANT: Sato, Takaaki  
;; TITLE OF INVENTION: CD40 Associated Proteins  
;; NUMBER OF SEQUENCES: 17  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Campbell and Flores  
;; STREET: 4370 La Jolla Village Drive, Suite 700  
;; CITY: San Diego  
;; STATE: California  
;; COUNTRY: USA  
;; ZIP: 92122  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent In Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/757,041  
;; FILING DATE:  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/349,357  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Campbell, Cathryn A.  
;; REGISTRATION NUMBER: 31,815  
;; REFERENCE/DOCKET NUMBER: P-LJ 1203  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (619) 535-9001  
;; TELEFAX: (619) 535-8949  
;; INFORMATION FOR SEQ ID NO: 11:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 24 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-09-757-041-11

Query Match 0.8%; Score 18; DB 1; Length 24;  
Best Local Similarity 100.0%; Pred. No. 16;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 958 CGCTACCAACGGTGGAG 975  
|||  
DB 7 CGCTACCAACGGTGGAG 24

RESULT 29  
US-10-276-358-36  
;; Sequence 36, Application US/10276358  
;; Publication No. US20040018586A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Rosendahl, Mary  
;; APPLICANT: Cox, George  
;; APPLICANT: Doherty, Daniel  
;; TITLE OF INVENTION: Methods for Refolding Proteins Containing Free Cysteine Residues  
;; FILE REFERENCE: 4152-4-PCT  
;; CURRENT APPLICATION NUMBER: US/10/276,358  
;; CURRENT FILING DATE: 2003-04-10  
;; PRIOR APPLICATION NUMBER: 60/204,617  
;; PRIOR FILING DATE: 2000-05-16  
;; NUMBER OF SEQ ID NOS: 79  
;; SOFTWARE: Patent In version 3.0  
;; SEQ ID NO 36  
;; LENGTH: 24  
;; TYPE: DNA  
;; ORGANISM: Artificial  
;; FEATURE:  
;; OTHER INFORMATION: primer  
US-10-276-358-36

Query Match 0.8%; Score 17.6; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 20;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 944 TTGTTTAAATGTCGCTACCAAC 967  
|||  
DB 1 TTCGTTTCTCTATCGTACCAAC 24

RESULT 30  
US-10-321-039-633  
;; Sequence 633, Application US/10321039  
;; Publication No. US20040014067A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Lyamichev, Victor  
;; APPLICANT: Lukowiak, Andrew  
;; APPLICANT: Jarvis, Nancy  
;; APPLICANT: Kurensky, David  
;; TITLE OF INVENTION: Amplification Methods and Compositions  
;; FILE REFERENCE: FORS-06960  
;; CURRENT APPLICATION NUMBER: US/10/321,039  
;; CURRENT FILING DATE: 2002-12-17  
;; PRIOR APPLICATION NUMBER: 09/998,157  
;; PRIOR FILING DATE: 2001-11-30  
;; PRIOR APPLICATION NUMBER: 60/329,113  
;; PRIOR FILING DATE: 2001-10-12  
;; PRIOR APPLICATION NUMBER: 60/360,489  
;; PRIOR FILING DATE: 2001-10-19  
;; NUMBER OF SEQ ID NOS: 759  
;; SOFTWARE: Patent In version 3.2  
;; SEQ ID NO 633  
;; LENGTH: 22  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic  
US-10-321-039-633

Query Match 0.8%; Score 17.4; DB 1; Length 22;  
Best Local Similarity 94.7%; Pred. No. 18;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 726 CTGCCAGGAGAAACAGAAC 744  
|||

```
Db      4 CTGCCAGGAGACAGAAC 22

RESULT 31
US-10-038-335-4/c
; Sequence 4, Application US/10038335
; Publication No. US20030096776A1
; GENERAL INFORMATION:
; APPLICANT: Ecker, David J.
; APPLICANT: Wyatt, Jacqueline
; APPLICANT: Bennett, C. Frank
; APPLICANT: Hanecak, Ronnie
; APPLICANT: Brown-Driver, Vickie
; APPLICANT: Vickers, Timothy
; APPLICANT: Chiang, Ming-yi
; APPLICANT: Anderson, Kevin
; TITLE OF INVENTION: Modulation Of Telomere Length By Oligonucleotides Having A G-Core
; TITLE OF INVENTION: Sequence
; FILE REFERENCE: ISIS-4976
; CURRENT APPLICATION NUMBER: US/10/038,335
; CURRENT FILING DATE: 2001-01-02
; PRIOR APPLICATION NUMBER: 09/299,058
; PRIOR FILING DATE: 1999-04-23
; PRIOR APPLICATION NUMBER: 08/403,888
; PRIOR FILING DATE: 1995-06-12
; PRIOR APPLICATION NUMBER: PCT/US93/09297
; PRIOR FILING DATE: 1993-09-29
; PRIOR APPLICATION NUMBER: 07/954,185
; PRIOR FILING DATE: 1992-09-29
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: No. US20030096776A1 sequence
; FEATURE:
; OTHER INFORMATION: Antisense sequence
US-10-038-335-4

Query Match      0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 26;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1245 CTCCGACCCCATCCCCAACCCC 1266
Db      24 CCCCAACCCCAACCCCAACCCC 3

RESULT 32
US-10-232-927A-29
; Sequence 29, Application US/10232927A
; Publication No. US20030190638A1
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Meeachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles

QY      1245 CTCCGACCCCATCCCCAACCCC 1266
Db      1 CCCCAACCCCAACCCCAACCCC 22

RESULT 33
US-10-232-927A-32/c
; Sequence 32, Application US/10232927A
; Publication No. US20030190638A1
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Meeachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
```

```
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927A
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-10-232-927A-32

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 26;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCACCCCAACCCCAACCCC 3

RESULT 34
US-10-232-927A-34/c
; Sequence 34, Application US/10232927A
; Publication No. US20030190638A1
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Meeachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
```

```
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927A
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-10-232-927A-34

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 26;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCACCCCAACCCCAACCCC 3

RESULT 35
US-10-118-854-29/c
; Sequence 29, Application US/10118854
; Publication No. US20030194754A1
; GENERAL INFORMATION:
; APPLICANT: Bates, Paula J
; APPLICANT: Miller, Donald M
; APPLICANT: Trent, John O
; APPLICANT: Xu, Xiaohua
; TITLE OF INVENTION: A NEW METHOD FOR THE DIAGNOSIS AND PROGNOSIS OF MALIGNANT
; TUMORS
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 9799910-
; CURRENT APPLICATION NUMBER: US/10/118,854
; CURRENT FILING DATE: 2003-04-08
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patent version 3.2
; SEQ ID NO 29
; LENGTH: 24
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-10-118-854-29

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 26;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCACCCCAACCCCAACCCC 3

RESULT 36
US-09-949-427-355
; Sequence 355, Application US/09949427
; Publication No. US20030054418A1
```



```
; GENERAL INFORMATION:
; APPLICANT: Bodnar, Jackie S.
; APPLICANT: Castellani, Lawrence W.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: de Jong, Pieter
; APPLICANT: Lusis, Aldons J.
; APPLICANT: Ohmen, Jeff
; APPLICANT: Ross, David
; APPLICANT: Tafuri, Sherrie
; APPLICANT: Wu, Chenyan
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer
; FILE REFERENCE: 02810.0014.NPUS02
; CURRENT APPLICATION NUMBER: US/09/949,427
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 60/231,322
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 355
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-949-427-355

Query Match          0.8%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 23;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      866 GCACGTGAGGACTCAGGCACC 885
Db      1 GCTCTGAGGACTCAGGCTCC 20

RESULT 37
US-09-922-449B-6
; Sequence 6, Application US/09922449B
; Publication No. US20030148278A1
; GENERAL INFORMATION:
; APPLICANT: Bioline Gesellschaft fur Biotagnostik, Auftragsforschung und Consulting
; APPLICANT: mbH
; TITLE OF INVENTION: Test kit and method for quantitatively detecting genetically modified
; TITLE OF INVENTION: in foodstuff by means of fluorescent-coupled PCR
; FILE REFERENCE: 101215-68
; CURRENT APPLICATION NUMBER: US/09/922,449B
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: PCT/EP00/009835
; PRIOR FILING DATE: 2000-02-07
; PRIOR APPLICATION NUMBER: DE 199 06 169.6
; PRIOR FILING DATE: 1999-02-08
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-922-449B-6

Query Match          0.7%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 57;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1237 GCCTCGCTCCGACCCCATCC 1258
Db      1 GCCTCTACTCCACCCCATCC 22

RESULT 38
US-09-877-478-213
; Sequence 213, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 213
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-213

Query Match          0.7%; Score 15.4; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 30;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY      907 ATTTCCTTGCTCTTG 923
Db      1 AUUUCUUUUUUUUUG 17

RESULT 39
US-09-736-084-45/c
; Sequence 45, Application US/09736084
; Patent No. US20020107211A1
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/736,084
; FILING DATE: 13-Dec-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; APPLICATION NUMBER: 08/347,563
```



```
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-645

Query Match      0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 29.4%; Pred. No. 42;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
    |||||
Db 3 AUUUUUUUUGUUUG 19

RESULT 43
US-10-244-647-1218/c
; Sequence 1218, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1218
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1218

Query Match      0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 42;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
    |||||
Db 19 ATTTCTTTGGTCTTTG 3

RESULT 44
US-10-244-647-1288/c
; Sequence 1288, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
```

```
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1288

Query Match      0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 42;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
    |||||
Db 18 ATTTCTTTGGTCTTTG 2

RESULT 45
US-10-244-647-1291/c
; Sequence 1291, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1291
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1291

Query Match      0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 42;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
    |||||
Db 17 ATTTCTTTGGTCTTTG 1

RESULT 46
US-10-349-143-8726/c
; Sequence 8726, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CF1
; CURRENT APPLICATION NUMBER: US/10/349,143
```

```
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8726
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-17829 for SEQ 861, in complete
US-10-349-143-8726

Query Match      0.7%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 64;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 GGTTCCTCTTCTAAGAGAAAA 785
DB 21 GGTCTCTCTCTAATAGAAA 2

RESULT 47
US-10-453-792-274/c
; Sequence 274, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/453,792
; FILING DATE: 04-Jun-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 274:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 274:
US-10-453-792-135
```

```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 274:
US-10-453-792-274

Query Match      0.7%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 728 GCCAGGAGAAACAGA 742
DB 18 GCCAGGAGAAACAGA 4

RESULT 48
US-10-453-792-135/c
; Sequence 135, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/453,792
; FILING DATE: 04-Jun-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 135:
US-10-453-792-135

Query Match      0.7%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 63;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
```

RESULT 50  
US-10-359-935-36  
; Sequence 36, Application US/10359935  
; Publication No. US20030153076A1  
; GENERAL INFORMATION:  
; APPLICANT: Valleponteau, Bryan  
; Feng, Junli  
;

CURRENT APPLICATION NUMBER: US/09/735,995  
 CURRENT FILING DATE: 2000-12-14  
 PRIOR APPLICATION NUMBER: 09/226,012  
 PRIOR FILING DATE: 1999-01-06  
 NUMBER OF SEQ ID NOS: 116  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO 62  
 LENGTH: 20

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-735-995-62

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 72;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1274 AGTGGAGGACAGCCGCC 1291
Db 18 AGTGGAGGACATAGCCC 1

RESULT 52
US-09-828-344-143
; Sequence 143, Application US/09828344
; Publication No. US20030044979A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE I EXPRESSION
; FILE REFERENCE: RTS-0147
; CURRENT APPLICATION NUMBER: US/09/828,344
; CURRENT FILING DATE: 2001-04-06
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 143
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-828-344-143

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 72;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGGTC 1145
Db 2 CATCTTCACCTCCAGGTC 19

RESULT 53
US-09-998-027-120
; Sequence 120, Application US/09998027
; Publication No. US20030093819A1
; GENERAL INFORMATION:
; APPLICANT: D'Andrea et al.
; TITLE OF INVENTION: Methods and Compositions for the
; TITLE OF INVENTION: Diagnosis and Treatment of Cancers Associated with Defective
; TITLE OF INVENTION: DNA Repair Mechanisms
; FILE REFERENCE: 2486/101
; CURRENT APPLICATION NUMBER: US/09/998,027
; CURRENT FILING DATE: 2001-11-02
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: MG789
US-09-998-027-120

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 72;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1062 AAACCCAGCTTCAGTCC 1079
Db 3 AAACCCATGATTCAGTCC 20

RESULT 54
US-09-976-782-72/c

; Sequence 72, Application US/09976782
; Publication No. US20030190715A1
; GENERAL INFORMATION:
; APPLICANT: Grosse et al
; TITLE OF INVENTION: No. US20030190715A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-157
; CURRENT APPLICATION NUMBER: US/09/976,782
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/240,113
; PRIOR FILING DATE: 2000-10-12
; PRIOR APPLICATION NUMBER: 60/240,662
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,732
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,625
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,703
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/241,190
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,637
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,669
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/262,455
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: 60/240,648
; PRIOR FILING DATE: 2000-10-16
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-976-782-72

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 72;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1133 TCACCTCCAGCTCCACCT 1150
Db 19 TCTCTCCAGCTCCCTCCT 2

RESULT 55
US-10-165-099-120
; Sequence 120, Application US/10165099
; Publication No. US20030189326A1
; GENERAL INFORMATION:
; APPLICANT: D'Andrea, Alan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILI
; FILE REFERENCE: 7032/2055
; CURRENT APPLICATION NUMBER: US/10/165,099
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 09/998,027
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: US 60/245,756
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 352
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-165-099-120
```

Query Match 0.7%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 72;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1062 AAACCCAAAGCTCAGTCC 1079  
|||||  
DB 3 AAACCCATGATTCAGTCC 20

## RESULT 56

US-09-957-837A-24/c  
; Sequence 24, Application US/09957837A  
; Publication No. US2003023055A1  
; GENERAL INFORMATION:  
; APPLICANT: LOUGHNEY ET AL  
; TITLE OF INVENTION: ATR-2 CELL CYCLE CHECKPOINT  
; FILE REFERENCE: 27866/37760  
; CURRENT APPLICATION NUMBER: US/09/957,837A  
; CURRENT FILING DATE: 2001-09-21  
; NUMBER OF SEQ ID NOS: 43  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer SLQrev  
US-09-957-837A-24

Query Match 0.7%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 83;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 808 TGTAGAAAGCCTGGAG 825  
|||||  
DB 19 TGTAGACAAGCCTGCAG 2

## RESULT 57

US-10-291-046-6/c  
; Sequence 6, Application US/10291046  
; Publication No. US20030143738A1  
; GENERAL INFORMATION:  
; APPLICANT: Yokota, Hiroki  
; APPLICANT: Sun, Hin Bin  
; APPLICANT: Xu, Zao C.  
; APPLICANT: Ruan, Yiwen  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING  
; FILE REFERENCE: ARTI-0210  
; CURRENT APPLICATION NUMBER: US/10/291,046  
; CURRENT FILING DATE: 2002-11-08  
; PRIOR APPLICATION NUMBER: 60/339,980  
; PRIOR FILING DATE: 2001-11-08  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 6  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-10-291-046-6

Query Match 0.7%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 83;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 737 AACAGAACCCGTGTGCA 754  
|||||  
DB 21 AACAGAACCCAGTGTGCA 4

## RESULT 58

US-09-945-505-9  
; Sequence 9, Application US/09945505  
; Publication No. US20030165844A1  
; GENERAL INFORMATION:  
; APPLICANT: Anastasio, Alison E.  
; APPLICANT: Chew, Anne  
; APPLICANT: Denton, R. Rex  
; APPLICANT: Nandabalan, Krishnan  
; APPLICANT: Parks, Katie E.  
; APPLICANT: Stephens, J. Claiborne  
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene  
; FILE REFERENCE: MWH-0030US  
; CURRENT APPLICATION NUMBER: US/09/945,505  
; CURRENT FILING DATE: 2001-08-31  
; NUMBER OF SEQ ID NOS: 41  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 9  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-945-505-9

Query Match 0.7%; Score 14.6; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 35;  
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1183 CCCCAGAGAGGTG 1197  
|||||  
DB 1 CCCCAGAGAGGTG 15

## RESULT 59

US-09-945-505-21  
; Sequence 21, Application US/09945505  
; Publication No. US20030165844A1  
; GENERAL INFORMATION:  
; APPLICANT: Anastasio, Alison E.  
; APPLICANT: Chew, Anne  
; APPLICANT: Denton, R. Rex  
; APPLICANT: Nandabalan, Krishnan  
; APPLICANT: Parks, Katie E.  
; APPLICANT: Stephens, J. Claiborne  
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene  
; FILE REFERENCE: MWH-0030US  
; CURRENT APPLICATION NUMBER: US/09/945,505  
; CURRENT FILING DATE: 2001-08-31  
; NUMBER OF SEQ ID NOS: 41  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 21  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-945-505-21

Query Match 0.7%; Score 14.6; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 35;  
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1177 GCGGCTCCCCGAGA 1191  
|||||  
DB 1 GCGGCTCCCCGAGA 15

## RESULT 60

US-09-945-505-22/c  
; Sequence 22, Application US/09945505  
; Publication No. US20030165844A1  
; GENERAL INFORMATION:  
; APPLICANT: Anastasio, Alison E.  
; APPLICANT: Chew, Anne  
; APPLICANT: Denton, R. Rex  
; APPLICANT: Nandabalan, Krishnan



Qy 908 TTTTCTTTGGTCTTTG 923



; TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATING THE LENGTH OF  
; FILE OF INVENTION: TELOMERES

QY 1127 CCACCTTCACTCCAG 1142  
Db 2 CCACCTTCACTCCAG 17

## RESULT 68

US-09-057-351-35  
; Sequence 35, Application US/09057351  
; Patent No. US20010034439A1  
; GENERAL INFORMATION:  
; APPLICANT: Valleponteau, Bryant  
; APPLICANT: Feng, Junli  
; APPLICANT: Andrews, William H.  
; TITLE OF INVENTION: Mammalian Telomerase  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/057,351  
FILING DATE: 08-APR-1994

## CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/272,102  
FILING DATE: 07-JUL-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/330,123  
FILING DATE: 27-OCT-1994

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/472,802  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Storella, John R.

REGISTRATION NUMBER: 32,944  
REFERENCE/DOCKET NUMBER: 015389-000821US

## TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300

## INFORMATION FOR SEQ ID NO: 35:

SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA

US-09-057-351-35

## Query Match

Best Local Similarity 0.7%; Score 14.4; DB 1; Length 18;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCCAACCCC 1266

Db 1 CCCCAACCCCAACCCC 16

## RESULT 69

US-09-947-659-9/c  
; Sequence 9, Application US/09947659  
; Patent No. US20020114797A1  
; GENERAL INFORMATION:  
; APPLICANT: CHABOT, Benoit

; TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATING THE LENGTH OF  
; FILE OF INVENTION: TELOMERES

; CURRENT APPLICATION NUMBER: US/09/947,659  
; PRIOR APPLICATION NUMBER: US 09/214,178  
; PRIOR FILING DATE: 2001-09-06  
; PRIOR FILING DATE: 1999-02-25  
; PRIOR APPLICATION NUMBER: PCT/CA97/00471  
; PRIOR FILING DATE: 1997-06-30  
; PRIOR APPLICATION NUMBER: 60/020,956  
; PRIOR FILING DATE: 1996-07-01  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 9  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: oligonucleotide  
US-09-947-659-9

## Query Match

Best Local Similarity 0.7%; Score 14.4; DB 1; Length 18;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCCAACCCC 1266

Db 18 CCCCAACCCCAACCCC 3

## RESULT 70

US-10-359-935-35  
; Sequence 35, Application US/10359935  
; Publication No. US20030153076A1

## GENERAL INFORMATION:

APPLICANT: Valleponteau, Bryant  
Feng, Junli  
Funk, Walter  
Andrews, William H.

## TITLE OF INVENTION: Mammalian Telomerase

## NUMBER OF SEQUENCES: 42

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/359,935  
FILING DATE: 07-FEB-2003  
CLASSIFICATION: 435

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/057,351  
FILING DATE: 08-APR-1994  
APPLICATION NUMBER: US 08/272,102  
FILING DATE: 07-JUL-1994  
APPLICATION NUMBER: US 08/330,123  
FILING DATE: 27-OCT-1994  
APPLICATION NUMBER: US 08/472,802  
FILING DATE: 07-JUN-1995

## ATTORNEY/AGENT INFORMATION:

NAME: Storella, John R.  
REGISTRATION NUMBER: 32,944  
REFERENCE/DOCKET NUMBER: 015389-000821US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200

; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 35:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; SEQUENCE DESCRIPTION: SEQ ID NO: 35:  
US-10-359-935-35

Query Match 0.7%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 68;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1251 CCCCATCCCCAACCCC 1266  
Db 1 CCCCAACCCCAACCCC 16

RESULT 71  
US-10-244-647-606  
; Sequence 606, Application US/10244647  
; Publication No. US20030206887A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceutical, Inc.  
; APPLICANT: Morrissey, David  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)  
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)  
; FILE REFERENCE: 400/060 (MBHB02-1000)  
; CURRENT APPLICATION NUMBER: US/10/244,647  
; CURRENT FILING DATE: 2003-04-14  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: PCT US02/09187  
; PRIOR FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: US 60/296,876  
; PRIOR FILING DATE: 2001-06-08  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 606  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense  
US-10-244-647-606

Query Match 0.7%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 25.0%; Pred. No. 80;  
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

Qy 908 TTTTCTTTTGGTCTTTG 923  
Db 1 UUUUUUUUUUUUUU 16

RESULT 72  
US-10-244-647-644  
; Sequence 644, Application US/10244647  
; Publication No. US20030206887A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceutical, Inc.  
; APPLICANT: Morrissey, David  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)  
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)  
; FILE REFERENCE: 400/060 (MBHB02-1000)

; CURRENT APPLICATION NUMBER: US/10/244,647  
; CURRENT FILING DATE: 2003-04-14  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: PCT US02/09187  
; PRIOR FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: US 60/296,876  
; PRIOR FILING DATE: 2001-06-08  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 644  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense  
US-10-244-647-644

Query Match 0.7%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 25.0%; Pred. No. 80;  
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTTCTTTGGTCTTT 922  
Db 4 AUUUUUUUUUUUUU 19

RESULT 73  
US-10-244-647-1252/c  
; Sequence 1252, Application US/10244647  
; Publication No. US20030206887A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceutical, Inc.  
; APPLICANT: Morrissey, David  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)  
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)  
; FILE REFERENCE: 400/060 (MBHB02-1000)  
; CURRENT APPLICATION NUMBER: US/10/244,647  
; CURRENT FILING DATE: 2003-04-14  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: PCT US02/09187  
; PRIOR FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: US 60/296,876  
; PRIOR FILING DATE: 2001-06-08  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1252  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-244-647-1252

Query Match 0.7%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 80;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 908 TTTTCTTTTGGTCTTTG 923  
Db 19 TTTTCTTTTGGTCTTTG 4

RESULT 74  
US-10-244-647-1290/c  
; Sequence 1290, Application US/10244647

Db 1 GCTTAAGTCCCACTCC 16

RESULT 76  
US-10-447-136-134/c  
; Sequence 134, Application US/10447136  
; Publication No. US20040009948A1  
; GENERAL INFORMATION:  
; APPLICANT: WRIGHT, Jim A.  
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and  
; TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase  
; FILE REFERENCE: 032396-023  
; CURRENT APPLICATION NUMBER: US/10/447,136  
; CURRENT FILING DATE: 2003-05-29  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/249,247  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-11  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/023,040  
; PRIOR FILING DATE: EARLIER FILING DATE: 1996-08-02  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/039,959  
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-03-07  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 08/904,901  
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-01  
; NUMBER OF SEQ ID NOS: 220  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 134  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Human  
US-10-447-136-134

Query Match 0.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 93;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTCTTTGGTCTTTG 923  
| | | | | | | | | |  
Db 18 TTTCTTTGGTCTTTG 3

RESULT 77  
US-09-742-373-4/c  
; Sequence 4, Application US/09742373  
; Patent No. US20020052471A1  
; GENERAL INFORMATION:  
; APPLICANT: Althaus, Harald  
; TITLE OF INVENTION: Human Procalcitonin and the Preparation and Use Thereof  
; FILE REFERENCE: 05552.1445-00  
; CURRENT APPLICATION NUMBER: US/09/742,373  
; CURRENT FILING DATE: 2000-12-22  
; PRIOR APPLICATION NUMBER: 19962434.8  
; PRIOR FILING DATE: 1999-12-22  
; PRIOR APPLICATION NUMBER: 10016278.9  
; PRIOR FILING DATE: 2000-04-03  
; PRIOR APPLICATION NUMBER: 10027954.6  
; PRIOR FILING DATE: 2000-06-08  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Unknown Organism  
; FEATURE:  
; OTHER INFORMATION: Description of Unknown Organism: Primer, non  
; OTHER INFORMATION: genomic DNA  
US-09-742-373-4

Query Match 0.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1057 GCCCAACCCCAAGCTTCA 1075

Db 16 TTTCTTTGGTCTTT 922  
| | | | | | | | | |  
Db 16 ATTTCTTTGGTCTTT 1

RESULT 75  
US-10-452-510-137  
; Sequence 137, Application US/10452510  
; Publication No. US20040005666A1  
; GENERAL INFORMATION:  
; APPLICANT: Brooks-Wilson, Angela R.  
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS  
; FILE REFERENCE: 760050-93  
; CURRENT APPLICATION NUMBER: US/10/452,510  
; CURRENT FILING DATE: 2003-06-02  
; PRIOR APPLICATION NUMBER: US 09/526,193  
; PRIOR FILING DATE: 2000-03-15  
; PRIOR APPLICATION NUMBER: 60/124,702  
; PRIOR FILING DATE: 1999-03-15  
; PRIOR APPLICATION NUMBER: 60/138,048  
; PRIOR FILING DATE: 1999-06-08  
; PRIOR APPLICATION NUMBER: 60/139,600  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 60/151,977  
; PRIOR FILING DATE: 1999-09-01  
; NUMBER OF SEQ ID NOS: 287  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 137  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-452-510-137

Query Match 0.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 93;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1070 GCTTACGTCCCACTCC 1085  
| | | | | | | | | |

Db 1 GCTTAAGTCCCACTCC 16

RESULT 76  
US-10-447-136-134/c  
; Sequence 134, Application US/10447136  
; Publication No. US20040009948A1  
; GENERAL INFORMATION:  
; APPLICANT: WRIGHT, Jim A.  
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and  
; TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase  
; FILE REFERENCE: 032396-023  
; CURRENT APPLICATION NUMBER: US/10/447,136  
; CURRENT FILING DATE: 2003-05-29  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/249,247  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-11  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/023,040  
; PRIOR FILING DATE: EARLIER FILING DATE: 1996-08-02  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/039,959  
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-03-07  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 08/904,901  
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-01  
; NUMBER OF SEQ ID NOS: 220  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 134  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Human  
US-10-447-136-134

Query Match 0.7%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 93;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTCTTTGGTCTTTG 923  
| | | | | | | | | |  
Db 18 TTTCTTTGGTCTTTG 3

RESULT 77  
US-09-742-373-4/c  
; Sequence 4, Application US/09742373  
; Patent No. US20020052471A1  
; GENERAL INFORMATION:  
; APPLICANT: Althaus, Harald  
; TITLE OF INVENTION: Human Procalcitonin and the Preparation and Use Thereof  
; FILE REFERENCE: 05552.1445-00  
; CURRENT APPLICATION NUMBER: US/09/742,373  
; CURRENT FILING DATE: 2000-12-22  
; PRIOR APPLICATION NUMBER: 19962434.8  
; PRIOR FILING DATE: 1999-12-22  
; PRIOR APPLICATION NUMBER: 10016278.9  
; PRIOR FILING DATE: 2000-04-03  
; PRIOR APPLICATION NUMBER: 10027954.6  
; PRIOR FILING DATE: 2000-06-08  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Unknown Organism  
; FEATURE:  
; OTHER INFORMATION: Description of Unknown Organism: Primer, non  
; OTHER INFORMATION: genomic DNA  
US-09-742-373-4

Query Match 0.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1057 GCCCAACCCCAAGCTTCA 1075

```
Db      20  GCCCAGACTCTAGCTTCA 2
||||| | | | | | | | | |
RESULT 78
US-09-752-639-31
; Sequence 31, Application US/09752639
; Patent No. US20020091243A1
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; FILING DATE:
; PRIORITY APPLICATION NUMBER: US/09/752,639
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US99/10793
; FILING DATE:
; APPLICATION NUMBER: 09/081,385
; FILING DATE:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-752-639-31
Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      865  GGCACTGAGGACTCAGGCA 883
Db      1  GTCACTGGGACTCCGGCA 19
||||| | | | | | | | | |
RESULT 79
US-09-984-198-31
; Sequence 31, Application US/09984198
; Patent No. US20020106679A1
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factors Altering Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; FILING DATE:
; PRIORITY APPLICATION NUMBER: PCT/US99/10793
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/081,385
; FILING DATE:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-912-724-42
Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      865  GGCACTGAGGACTCAGGCA 883
Db      1  GTCACTGGGACTCCGGCA 19
||||| | | | | | | | | |
RESULT 80
US-09-912-724-42
; Sequence 42, Application US/09912724
; Publication No. US20030083280A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF C-REACTIVE PROTEIN EXPRESSION
; FILE REFERENCE: ISPH-0584
; CURRENT APPLICATION NUMBER: US/09/912,724
; CURRENT FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 63
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-912-724-42
```





APPLICANT: Parodi, Luis  
TITLE OF INVENTION: Single Nucleotide Polymorphisms in GH-1  
FILE REFERENCE: 00791.US1  
CURRENT APPLICATION NUMBER: US/10/289,845  
CURRENT FILING DATE: 2002-11-07  
NUMBER OF SEQ ID NOS: 51  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 14  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial sequence  
FEATURE:  
OTHER INFORMATION: primer  
US-10-289-845-14

Query Match 0.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1011 ACCTGAAAGAGGGGAG 1029  
Db 19 ATCTGAAAGAGGAGGAG 1

## RESULT 86

US-10-394-058-4/c  
Sequence 4, Application US/10394058  
Publication No. US20030181662A1  
GENERAL INFORMATION:  
APPLICANT: Althaus, Harald  
APPLICANT: Hauser, Hans-Peter  
TITLE OF INVENTION: Human Procalcitonin and the Preparation and Use Thereof  
FILE REFERENCE: 05552.1445-00  
CURRENT APPLICATION NUMBER: US/10/394,058  
CURRENT FILING DATE: 2003-03-24  
PRIOR APPLICATION NUMBER: US/09/742,373  
PRIOR FILING DATE: 2000-12-22  
PRIOR APPLICATION NUMBER: 19962434.8  
PRIOR FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: 10016278.9  
PRIOR FILING DATE: 2000-04-03  
PRIOR APPLICATION NUMBER: 10027954.6  
PRIOR FILING DATE: 2000-06-08  
NUMBER OF SEQ ID NOS: 12  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 4  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Unknown Organism  
FEATURE:  
OTHER INFORMATION: Description of Unknown Organism: Primer, non  
OTHER INFORMATION: genomic DNA  
US-10-394-058-4

Query Match 0.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1057 GCCCAAAACCCAGCTTCA 1075  
Db 20 GCCCAAGATCAAGCTTCA 2

## RESULT 87

US-10-349-143-7116/c  
Sequence 7116, Application US/10349143  
Publication No. US20040005584A1  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/10/349,143  
CURRENT FILING DATE: 2003-01-21  
PRIOR APPLICATION NUMBER: US/09/422,978  
PRIOR FILING DATE: 1999-10-20  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850  
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 7116  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: primer\_bind  
LOCATION: 1..20  
OTHER INFORMATION: upstream amplification primer 99-24210 for SEQ 3182,  
US-10-349-143-7116

Query Match 0.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 848 AGATTGAGATGTTAAGG 866  
Db 19 AAATTGAGATGTTAGGG 1

## RESULT 88

US-10-289-762-2388  
Sequence 2388, Application US/10289762  
Publication No. US20040006218A1  
GENERAL INFORMATION:  
APPLICANT: Grifais, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
TITLE OF INVENTION: and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/10/289,762  
CURRENT FILING DATE: 2003-03-27  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 2388  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-10-289-762-2388

Query Match 0.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 1e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 963 CCAACGGTCAAGTCCAAG 981  
Db 1 CGAACGGTAGAATCCAAG 19

## RESULT 89

US-10-289-762-4651  
Sequence 4651, Application US/10289762  
Publication No. US20040006218A1  
GENERAL INFORMATION:  
APPLICANT: Grifais, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
TITLE OF INVENTION: and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/10/289,762  
CURRENT FILING DATE: 2003-03-27  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 4651  
LENGTH: 20

```
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-4651

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 758 GCCATGCGAGTTCTTCTTCT 776
   ||||| ||||| |||||
Db 2 GCCATGCGAGTTCTTCTTCT 20

RESULT 90
US-10-289-762-5845/c
; Sequence 5845, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 5849
; SEQ ID NO 5845
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-5845

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 816 AAGCCTGAGTGCAGGAG 834
   ||||| ||||| |||||
Db 20 AAGCAGGAGTGACGCGAG 2

RESULT 91
US-10-453-792-276/c
; Sequence 276, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: ROSSAU, RUDI
; APPLICANT: MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/453, 792
; FILING DATE: 04-Jun-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155, 885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
```

```
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.U.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 276:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 276:
US-10-453-792-276

Query Match      0.6%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 88;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 728 GCCAGGAGAAACAG 741
   ||||| ||||| |||||
Db 18 GCCAGGAGAAACAG 5

RESULT 92
US-09-874-162A-12
; Sequence 12, Application US/09874162A
; Patent No. US20020155452A1
; GENERAL INFORMATION:
; APPLICANT: Koontz, Jason
; APPLICANT: Sklar, Jeffrey
; TITLE OF INVENTION: FUSION OF JAZF1 AND JAZA1 GENES IN
; FILE REFERENCE: 05311-024001
; CURRENT APPLICATION NUMBER: US/09/874,162A
; CURRENT FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: US 60/209,093
; PRIOR FILING DATE: 2000-06-02
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for PCR
US-09-874-162A-12

Query Match      0.6%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 932 CCTCTCTCTTCATT 945
   ||||| ||||| |||||
Db 7 CCTCTCTCTTCATT 20

RESULT 93
US-09-866-108-971
; Sequence 971, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
```

APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aecomica Sequence Listing Engine  
SEQ ID NO 971  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-971

Query Match 0.6%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 84;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1053 CCTGGCCCCCAACCCAA 1069  
DB 1 CCAGGCCCAAGCCCA 17

RESULT 94  
US-09-866-108-972  
Sequence 972, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aecomica Sequence Listing Engine  
SEQ ID NO 972  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-972

Query Match 0.8%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 84;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1054 CTGGCCCCCAACCCAAAG 1070  
DB 1 CAGGCCCAAGCCCAAG 17

RESULT 95  
US-09-864-785-583  
Sequence 583, Application US/09864785  
Patent No. US20020177568A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Draper, Ken  
APPLICANT: McSwiggen, Jim  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
TITLE OF INVENTION: Levels of NF-Kappa B  
FILE REFERENCE: 400/022 (MEHB00-812-D)  
CURRENT APPLICATION NUMBER: US/09/864,785  
CURRENT FILING DATE: 2001-05-23  
NUMBER OF SEQ ID NOS: 3929  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 583  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-583

Query Match 0.6%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 84;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCCC 1267  
DB 1 CCCCAUCCCAUCCUCC 17

```

RESULT 96
US-09-825-805-676/c
; Sequence 676, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 676
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-676

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1112 GTCCGTCGCCAGTTC 1128
Db 17 GTCCAGTCCCGAGTTC 1

RESULT 97
US-09-848-754A-61/c
; Sequence 61, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 61
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-61

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 860 TTAAGGGCACTGAGGAC 876
Db 17 TTGAGGGCAATGAGGAC 1

RESULT 98
US-09-848-754A-2182/c
; Sequence 2182, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2182
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2182

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 859 GTTAAGGGCACTGAGGA 875
Db 17 GTTGAGGGCAATGAGGA 1

RESULT 99
US-09-780-164-840/c
; Sequence 840, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 840
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-840

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 799 TGTAGTAACTCTAAGAA 815
Db 17 TGTGTTAACTCTAAGAA 1

RESULT 100
US-09-827-395A-328
; Sequence 328, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
```

**Qy**            1204 CCCTATCAGGGGCTGA 1220  
               || |||||  
**p.b**            17 CCATATCAGGGGCTGA 1

## RESULT 105

US-10-238-700-3352  
; Sequence 3352, Application US/10238700  
; Publication No. US2003015321A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MBH01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3352  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-3352

Query Match 0.6%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 84;  
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 821 TGGAGTGCACGAGTTG 837  
:||||:|||||:|:  
Db 1 UGGAGUGGACGAGGUG 17

## RESULT 106

US-09-969-373-4117/c  
; Sequence 4117, Application US/09969373  
; Patent No. US20020133852A1  
; GENERAL INFORMATION:  
; APPLICANT: Effertz, Roger J.  
; APPLICANT: Haug, Brian M.  
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping  
; FILE REFERENCE: 38-10(52679)A  
; CURRENT APPLICATION NUMBER: US/09/969,373  
; CURRENT FILING DATE: 2001-10-02  
; PRIOR APPLICATION NUMBER: US 09/754,853  
; PRIOR FILING DATE: 2001-01-05  
; PRIOR APPLICATION NUMBER: US 09/760,427  
; PRIOR FILING DATE: 2001-01-13  
; PRIOR APPLICATION NUMBER: US 09/855,768  
; PRIOR FILING DATE: 2001-05-15  
; NUMBER OF SEQ ID NOS: 4593  
; SEQ ID NO 4117  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Glycine max  
US-09-969-373-4117

Query Match 0.6%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 912 CTTTGTCTTTGCCTTT 928  
|||||:|||||:  
Db 18 CTTTGTCTTTGCCTTT 2

## RESULT 107

US-10-321-039-630  
; Sequence 630, Application US/10321039  
; Publication No. US20040014067A1  
; GENERAL INFORMATION:  
; APPLICANT: Lyamichev, Victor  
; APPLICANT: Lukowiak, Andrew  
; APPLICANT: Jarvis, Nancy

; APPLICANT: Kurensky, David  
; TITLE OF INVENTION: Amplification Methods and Compositions  
; FILE REFERENCE: FORS-06960  
; CURRENT APPLICATION NUMBER: US/10/321,039  
; CURRENT FILING DATE: 2002-12-17  
; PRIOR APPLICATION NUMBER: 09/998,157  
; PRIOR FILING DATE: 2001-11-30  
; PRIOR APPLICATION NUMBER: 60/329,113  
; PRIOR FILING DATE: 2001-10-12  
; PRIOR APPLICATION NUMBER: 60/360,489  
; PRIOR FILING DATE: 2001-10-19  
; NUMBER OF SEQ ID NOS: 759  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 630  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-10-321-039-630

Query Match 0.6%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1296 GCCACAGAGCCTGAGACA 1312  
|||||:|||||:  
Db 2 GCCACAGAGCCTGGAGA 18

## RESULT 108

US-10-251-117-87/c  
; Sequence 87, Application US/10251117  
; Publication No. US20030170891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R  
; FILE REFERENCE: 900/042 (MBH02-468-A)  
; CURRENT APPLICATION NUMBER: US/10/251,117  
; CURRENT FILING DATE: 2003-02-24  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/163,552  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 09/916,466  
; PRIOR FILING DATE: 2001-07-25  
; PRIOR APPLICATION NUMBER: US 60/296,249  
; PRIOR FILING DATE: 2001-06-06  
; NUMBER OF SEQ ID NOS: 1213  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 87  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r  
US-10-251-117-87

Query Match 0.6%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1112 GTCCCGTGCCAGTTCC 1128  
|||||:|||||:  
Db 19 GTCCACTGCCAGTTCC 3

## RESULT 109

US-10-251-117-90/c

; Sequence 90, Application US/10251117  
; Publication No. US20030170891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R  
; FILE REFERENCE: 900/042 (MBHB02-468-A)  
; CURRENT APPLICATION NUMBER: US/10/251,117  
; CURRENT FILING DATE: 2003-02-24  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/163,552  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 09/916,466  
; PRIOR FILING DATE: 2001-07-25  
; PRIOR APPLICATION NUMBER: US 60/296,249  
; PRIOR FILING DATE: 2001-06-06  
; NUMBER OF SEQ ID NOS: 1213  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 90  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense x  
US-10-251-117-90

Query Match 0.6%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 CAGAACACCGGTGTCAC 755  
DB 17 CAGGGCACCGGTGTCAC 1  
RESULT 110  
US-10-251-117-336  
; Sequence 336, Application US/10251117  
; Publication No. US20030170891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R  
; FILE REFERENCE: 900/042 (MBHB02-468-A)  
; CURRENT APPLICATION NUMBER: US/10/251,117  
; CURRENT FILING DATE: 2003-02-24  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/163,552  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 09/916,466  
; PRIOR FILING DATE: 2001-07-25  
; PRIOR APPLICATION NUMBER: US 60/296,249  
; PRIOR FILING DATE: 2001-06-06  
; NUMBER OF SEQ ID NOS: 1213  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 336  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-251-117-336

Query Match 0.6%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 64.7%; Pred. No. 1.2e+02;

Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;  
QY 1112 GTCCCGTGGCCAGTTC 1128  
DB 1 GUCCACUGCCAGGUCC 17  
RESULT 111  
US-10-251-117-339  
; Sequence 339, Application US/10251117  
; Publication No. US20030170891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R  
; FILE REFERENCE: 900/042 (MBHB02-468-A)  
; CURRENT APPLICATION NUMBER: US/10/251,117  
; CURRENT FILING DATE: 2003-02-24  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/163,552  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 09/916,466  
; PRIOR FILING DATE: 2001-07-25  
; PRIOR APPLICATION NUMBER: US 60/296,249  
; PRIOR FILING DATE: 2001-06-06  
; NUMBER OF SEQ ID NOS: 1213  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 339  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-251-117-339

Query Match 0.6%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 76.5%; Pred. No. 1.2e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 739 CAGAACACCGGTGTCAC 755  
DB 3 CAGGGCACCGGTGTCAC 19  
RESULT 112  
US-10-251-117-578/c  
; Sequence 578, Application US/10251117  
; Publication No. US20030170891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R  
; FILE REFERENCE: 900/042 (MBHB02-468-A)  
; CURRENT APPLICATION NUMBER: US/10/251,117  
; CURRENT FILING DATE: 2003-02-24  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/163,552  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 09/916,466  
; PRIOR FILING DATE: 2001-07-25  
; PRIOR APPLICATION NUMBER: US 60/296,249  
; PRIOR FILING DATE: 2001-06-06  
; NUMBER OF SEQ ID NOS: 1213  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 578

LENGTH: 19  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense  
US-10-251-117-578

Query Match 0.6%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 1.2e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 858 TGTTAAGGGCACTGAGG 874  
||| ||||| |||||  
DB 17 TGTGAGGGCAATGAGG 1

RESULT 113  
US-10-251-117-885  
Sequence 885, Application US/10251117  
Publication No. US20030170891A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R  
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA  
FILE REFERENCE: 900/042 (MBH02-468-A)  
CURRENT APPLICATION NUMBER: US/10/251,117  
CURRENT FILING DATE: 2003-02-24  
PRIOR APPLICATION NUMBER: US 60/393,924  
PRIOR FILING DATE: 2002-07-03  
PRIOR APPLICATION NUMBER: US 10/163,552  
PRIOR FILING DATE: 2002-06-06  
PRIOR APPLICATION NUMBER: US 60/358,580  
PRIOR FILING DATE: 2002-02-20  
PRIOR APPLICATION NUMBER: US 09/916,466  
PRIOR FILING DATE: 2001-07-25  
PRIOR APPLICATION NUMBER: US 60/296,249  
PRIOR FILING DATE: 2001-06-06  
NUMBER OF SEQ ID NOS: 1213  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 885  
LENGTH: 19  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-251-117-885

Query Match 0.6%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 64.7%; Pred. No. 1.2e+02;  
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 858 TGTTAAGGGCACTGAGG 874  
||| ||||| |||||  
DB 3 UGUUGAGGGCAUAGG 19

RESULT 114  
US-09-866-108-973  
Sequence 973, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Acomica Sequence Listing Engine  
SEQ ID NO 973  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-973

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1056 GGCCCCAAACCCAG 1070  
||| ||||| |||||  
DB 2 GGCCCCAAACCCAG 16

RESULT 115  
US-09-866-108-974  
Sequence 974, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30



PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Acomica Sequence Listing Engine  
SEQ ID NO 974  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-974

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1056 GGCCCAACCCAG 1070  
Db 1 GGCCCAACCCAG 15

## RESULT 116

US-09-875-559/c  
Sequence 559, Application US/09818875  
Publication No. US20030051270A1  
GENERAL INFORMATION:  
APPLICANT: Kmiec, Eric B.  
APPLICANT: Gamper, Howard B.  
APPLICANT: Rice, Michael C.  
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
TITLE OF INVENTION: Stranded Oligonucleotides  
FILE REFERENCE: Napro-4  
CURRENT APPLICATION NUMBER: US/09/818,875  
CURRENT FILING DATE: 2001-03-27  
PRIOR APPLICATION NUMBER: US 60/192,176  
PRIOR FILING DATE: 2000-03-27  
PRIOR APPLICATION NUMBER: US 60/192,179  
PRIOR FILING DATE: 2000-03-27  
PRIOR APPLICATION NUMBER: US 60/208,538  
PRIOR FILING DATE: 2000-06-01  
PRIOR APPLICATION NUMBER: US 60/244,989  
PRIOR FILING DATE: 2000-10-30  
NUMBER OF SEQ ID NOS: 4385  
SOFTWARE: Friedman macro Napro4  
SEQ ID NO 559  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-818-875-559

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 953 TGTATCGCTACCAAC 967  
Db 15 TGTATCGCTACCAAC 1

## RESULT 117

US-09-818-875-560  
Sequence 560, Application US/09818875  
Publication No. US20030051270A1  
GENERAL INFORMATION:  
APPLICANT: Kmiec, Eric B.  
APPLICANT: Gamper, Howard B.  
APPLICANT: Rice, Michael C.  
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
TITLE OF INVENTION: Stranded Oligonucleotides  
FILE REFERENCE: Napro-4  
CURRENT APPLICATION NUMBER: US/09/818,875  
CURRENT FILING DATE: 2001-03-27  
PRIOR APPLICATION NUMBER: US 60/192,176  
PRIOR FILING DATE: 2000-03-27  
PRIOR APPLICATION NUMBER: US 60/192,179  
PRIOR FILING DATE: 2000-03-27  
PRIOR APPLICATION NUMBER: US 60/208,538  
PRIOR FILING DATE: 2000-06-01  
PRIOR APPLICATION NUMBER: US 60/244,989  
PRIOR FILING DATE: 2000-10-30  
NUMBER OF SEQ ID NOS: 4385  
SOFTWARE: Friedman macro Napro4  
SEQ ID NO 560  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-818-875-560

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 953 TGTATCGCTACCAAC 967  
Db 3 TGTATCGCTACCAAC 17

## RESULT 118

US-09-780-533A-1806/c  
Sequence 1806, Application US/09780533A  
Publication No. US20030060611A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Blatt, Larry  
APPLICANT: McSwiggen, Jim  
APPLICANT: Chowrira, Bharat  
APPLICANT: Haeblerli, Pete  
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene  
FILE REFERENCE: MSHB00.878-A (400/011)  
CURRENT APPLICATION NUMBER: US/09/780,533A  
CURRENT FILING DATE: 2001-02-09  
PRIOR APPLICATION NUMBER: US 60/181,797  
PRIOR FILING DATE: 2000-02-11  
NUMBER OF SEQ ID NOS: 6679  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1806  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-780-533A-1806

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1135 ACCTCCAGCTCCACC 1149  
Db 17 ACCTCCAGCTCCACC 3

```
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTCTTGTGCTT 921
|:::|::|::|::|
Db 3 AUUUUCUUUGUCUU 17

RESULT 121
US-09-877-478-1602
; Sequence 1602, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1602
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1602

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 26.7%; Pred. No. 1.1e+02;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTCTTGTGCTTGTG 923
|:::|::|::|::|
Db 1 UUUUCUUUGUCUUUG 15

RESULT 122
US-10-060-830-203
; Sequence 203, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
```

```
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCAC 1148
|:::|::|::|::|
Db 15 CACCTCCAGCTCCTC 1

RESULT 120
US-09-877-478-909
; Sequence 909, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 909
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-909

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCAC 1148
|:::|::|::|::|
Db 15 CACCTCCAGCTCCTC 1

RESULT 120
US-09-877-478-909
; Sequence 909, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 909
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-909

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 26.7%; Pred. No. 1.1e+02;
```

; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/325,062  
; PRIOR FILING DATE: 2001-09-25  
; NUMBER OF SEQ ID NOS: 1123  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 203  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-830-203

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 879 AGGCACACAGTGTCT 893  
Db 3 AGTCACACAGTGTCT 17

RESULT 123  
US-10-060-830-206  
; Sequence 206, Application US/10060830  
; Publication No. US20030032154A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Nguyen, Cung-Tuong  
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN  
; FILE REFERENCE: PB0169  
; CURRENT APPLICATION NUMBER: US/10/060,830  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/325,062  
; PRIOR FILING DATE: 2001-09-25  
; NUMBER OF SEQ ID NOS: 1123  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 206  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-830-206

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 880 GGCACACAGTGTCTG 894  
Db 1 GTCACACAGTGTCTG 15

RESULT 124  
US-10-339-782-328  
; Sequence 328, Application US/10339782  
; Publication No. US20030166026A1

; GENERAL INFORMATION:  
; APPLICANT: Lynx Therapeutics, Inc.  
; APPLICANT: Goodman, Laurie J  
; APPLICANT: Bowen, Benjamin A  
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells  
; FILE REFERENCE: 37-000110US  
; CURRENT APPLICATION NUMBER: US/10/339,782  
; CURRENT FILING DATE: 2003-01-08  
; NUMBER OF SEQ ID NOS: 495  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 328  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-339-782-328

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1091 TCACCCCCACCTGG 1105  
Db 3 TCAGCCCCACCTGG 17

RESULT 125  
US-10-209-787-559/c  
; Sequence 559, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR APPLICATION NUMBER: US 09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 559  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-209-787-559

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TGTATCGTACCAAC 967  
Db 15 TGTATCGTACCAAC 1

RESULT 126  
US-10-209-787-560  
; Sequence 560, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.

; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; TITLE OF INVENTION: Stranded Oligonucleotides

; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR APPLICATION NUMBER: US 09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 560  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-209-787-560

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAAC 967  
||| ||||| ||||| |||||  
DB 3 TGTATCGCTACCAAC 17

RESULT 127

US-10-261-185-559/c  
; Sequence 559, Application US/10261185  
; Publication No. US20040014057A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.

; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; TITLE OF INVENTION: Stranded Oligonucleotides

; FILE REFERENCE: Napro-4CON  
; CURRENT APPLICATION NUMBER: US/10/261,185  
; CURRENT FILING DATE: 2002-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/09761  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 559  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-261-185-559

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAAC 967  
||| ||||| ||||| |||||  
DB 15 TGTATCGCTACCAAC 1

RESULT 128

US-10-261-185-560  
; Sequence 560, Application US/10261185  
; Publication No. US20040014057A1  
; GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; TITLE OF INVENTION: Stranded Oligonucleotides

; FILE REFERENCE: Napro-4CON  
; CURRENT APPLICATION NUMBER: US/10/261,185  
; CURRENT FILING DATE: 2002-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/09761  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 560  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-261-185-560

Query Match 0.6%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.1e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAAC 967  
||| ||||| ||||| |||||  
DB 3 TGTATCGCTACCAAC 17

RESULT 129

US-09-877-478-1667  
; Sequence 1667, Application US/09877478  
; Publication No. US20030068301A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Draber, Kenneth  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwigen, Jim  
; APPLICANT: Morrissey, Dave  
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
; FILE REFERENCE: MEH00-845-H (400/029)  
; CURRENT APPLICATION NUMBER: US/09/877,478  
; CURRENT FILING DATE: 2001-12-31  
; PRIOR APPLICATION NUMBER: US 07/882,712  
; PRIOR FILING DATE: 1992-05-14  
; PRIOR APPLICATION NUMBER: US 09/531,025  
; PRIOR FILING DATE: 2000-03-20  
; PRIOR APPLICATION NUMBER: US 09/636,385  
; PRIOR FILING DATE: 2000-08-09  
; PRIOR APPLICATION NUMBER: US 09/696,347  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 08/193,627  
; PRIOR FILING DATE: 1994-02-07  
; PRIOR APPLICATION NUMBER: US 08/433,993  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 08/434,504  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 09/436,430  
; PRIOR FILING DATE: 1999-11-08  
; NUMBER OF SEQ ID NOS: 6586  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1667  
; LENGTH: 17

```
; TYPE: RNA
; ORGANISM: Hepatitis B virus
; US-09-877-478-1667

Query Match      0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.1e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1297 CCACAGGCTAGAC 1311
Db 2 CCACAGAGUCUAC 16

RESULT 130
US-10-453-792-270/c
; Sequence 270, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION NUMBER: US/10/453,792
; FILING DATE: 04-Jun-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 270:
; ' SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 270:

US-10-453-792-270
Query Match      0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 728 GCCAGGAGAACAGA 742
Db 18 GCCATGAGAAACAGA 4

RESULT 132
US-10-453-792-273/c
; Sequence 273, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:

US-10-453-792-270/c
Query Match      0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 728 GCCAGGAGAACAGA 742
Db 18 GCCATGAGAAACAGA 4

RESULT 133
US-10-453-792-273/c
; Sequence 273, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
```

ADDRESSEE: NIXON & VANDERHYE P.C.  
STREET: 1100 NORTH GLEBE ROAD  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: U.S.A.  
ZIP: 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/453,792  
FILING DATE: 04-Jun-2003  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/155,885A  
FILING DATE: 08-Oct-1998  
APPLICATION NUMBER: PCT/EP97/02002  
FILING DATE: 21-APR-1997  
APPLICATION NUMBER: EP 96870053.4  
FILING DATE: 19-APR-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: SADOFF, B.J.  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 2551-5  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 816-4000  
TELEFAX: (703) 816-4100  
INFORMATION FOR SEQ ID NO: 273:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 273:  
US-10-453-792-273

Query Match 0.6%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 1.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 728 GCCAGGAGAAACAGA 742  
DB 18 GCCAGGAGAAACGGA 4

RESULT 133  
US-10-209-324-32/c  
; Sequence 32, Application US/10209324  
; Publication No. US20030108910A1  
; GENERAL INFORMATION:  
; APPLICANT: UNIVERSITY OF CALIFORNIA SAN FRANCISCO  
; APPLICANT: TOLAND, Amanda E.  
; APPLICANT: BALMAIN, Allan  
; TITLE OF INVENTION: STK15 (STK) GENE POLYMORPHISM AND METHODS OF DETERMINING CANCER  
; FILE REFERENCE: UCSF1120-2  
; CURRENT APPLICATION NUMBER: US/10/209,324  
; PRIOR FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US 60/334,146  
; PRIOR FILING DATE: 2001-11-28  
; PRIOR APPLICATION NUMBER: US 60/308,911  
; PRIOR FILING DATE: 2001-07-27  
; NUMBER OF SEQ ID NOS: 34  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 32  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:

; OTHER INFORMATION: Amplification reaction primer  
US-10-209-324-32

Query Match 0.6%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 1.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1093 ACCCCGACCTGGGC 1107  
DB 15 ACCCTCACCTGGGC 1

## RESULT 134

US-10-108-732-47/c  
; Sequence 47, Application US/10108732  
; Publication No. US20030175721A1  
; GENERAL INFORMATION:  
; APPLICANT: Box, Neil F  
; APPLICANT: Duffy, David L  
; APPLICANT: Hayward, Nicholas K  
; APPLICANT: Martin, Nicholas G  
; APPLICANT: Sturm, Richard A  
; APPLICANT: Gruis, Nelleke A  
; APPLICANT: Van Der Velden, Pieter  
; APPLICANT: Bergman, Wilma  
; APPLICANT: Frants, Rune R  
; TITLE OF INVENTION: MELANOMA RISK DETECTION  
; FILE REFERENCE: 8795-27U1  
; CURRENT APPLICATION NUMBER: US/10/108,732  
; CURRENT FILING DATE: 2002-03-28  
; PRIOR APPLICATION NUMBER: US 60/279,515  
; PRIOR FILING DATE: 2001-03-28  
; NUMBER OF SEQ ID NOS: 76  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 47  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: hmsHR C-inner sequencing primer 2  
US-10-108-732-47

Query Match 0.6%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 1.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1133 TCACCTCAGCTCCA 1147  
DB 16 TCACCTCAGCTCCA 2

## RESULT 135

US-10-349-143-5085  
; Sequence 5085, Application US/10349143  
; Publication No. US2004000584A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/10/349,143  
; CURRENT FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 5085

```
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18_bind
; OTHER INFORMATION: upstream amplification primer 99-20747 for SEQ 1151,
US-10-349-143-5085

Query Match          0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 976 TCCAAAGCTCTACTCC 990
    ||||| ||||| |||||
Db 4 TCCAAAGCTCTACTCC 18

RESULT 136
US-10-464-158-18
; Sequence 18, Application US/10464158
; Publication No. US20040009599A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-1 EXPRES
; FILE REFERENCE: ISPH-0749
; CURRENT APPLICATION NUMBER: US/10/464,158
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: 09/857,278
; PRIOR FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: PCT/US99/13624
; PRIOR FILING DATE: 1999-06-16
; PRIOR APPLICATION NUMBER: 09/205,204
; PRIOR FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-464-158-18

Query Match          0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 761 ATGCAGGTTTCTTTC 775
    ||||| ||||| |||||
Db 4 ATGCAGGTTTCTTTC 18

RESULT 137
US-10-148-687-55
; Sequence 55, Application US/10148687
; Publication No. US2003018936A1
; GENERAL INFORMATION:
; APPLICANT: WINTER, Gerhard
; APPLICANT: SLADE, Martin Basil
; APPLICANT: WILLIAMS, Keith Leslie
; APPLICANT: GOOLEY, Andrew Arthur
; APPLICANT: Macquarie Research Ltd
; TITLE OF INVENTION: Cryptosporidium sporozoite antigens
; FILE REFERENCE: 047763-5019-US
; CURRENT APPLICATION NUMBER: US/10/148,687
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: PCT/AU00/01492
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: AU PQ4400
; PRIOR FILING DATE: 1999-12-01
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn Ver. 2.1
```

```
; SEQ ID NO 55
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide primers
US-10-148-687-55

Query Match          0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1068 AAGCTTCAGTCCAC 1082
    ||||| ||||| |||||
Db 5 AAGCTTCAGTCCAC 19

RESULT 138
US-10-244-647-598
; Sequence 598, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) U
; FILE REFERENCE: 400/060 (MBH02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 598
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-244-647-598

Query Match          0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 26.7%; Pred. No. 1.5e+02;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTTCTTTGGCTTTG 923
    ::||:: ||::|
Db 1 UUUUUUUUGUUUG 15

RESULT 139
US-10-244-647-637
; Sequence 637, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) U
; FILE REFERENCE: 400/060 (MBH02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
```

```
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 637
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-637

Query Match          0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 26.7%; Pred. No. 1.5e+02;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTT 921
DB 5 AUUUUUUUUUUUUU 19

RESULT 140
US-10-244-647-1244/c
; Sequence 1244, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: McSwiggen, David
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1244
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1244

Query Match          0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTTCTTTGGTCTTG 923
DB 19 TTTCTTTGGTCTTG 5

RESULT 141
US-10-244-647-1283/c
; Sequence 1283, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: McSwiggen, David
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1244
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1283

Query Match          0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTTCTTTGGTCTTG 923
DB 19 TTTCTTTGGTCTTG 5

RESULT 142
US-10-349-143-7262/c
; Sequence 7262, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilva
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7262
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1...19
; OTHER INFORMATION: upstream amplification primer 99-3335 for SEQ 3328,
US-10-349-143-7262

Query Match          0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 862 AAGGGCACTGAGGAC 876
DB 862 AAGGGCACTGAGGAC 876
```





Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1006 TCGACACTGAAAGAG 1023  
18 TAGACACTGGAACAGAG 1

RESULT 146  
US-10-368-643-74  
; Sequence 74, Application US/10368643  
; Publication No. US20030170708A1  
; GENERAL INFORMATION:  
; APPLICANT: Keating, Mark T.  
; APPLICANT: Sanguinetti, Michael C.  
; APPLICANT: Curran, Mark E.  
; APPLICANT: Landes, Gregory M.  
; APPLICANT: Connors, Timothy D.  
; APPLICANT: Burn, Timothy C.  
; APPLICANT: Splawski, Igor  
; TITLE OF INVENTION: KVLQTL - A LONG QT SYNDROME GENE  
; FILE REFERENCE: 2323-163  
; CURRENT APPLICATION NUMBER: US/10/368,643  
; CURRENT FILING DATE: 2003-02-20  
; PRIOR APPLICATION NUMBER: US 09/597,731  
; PRIOR FILING DATE: 2000-06-19  
; PRIOR APPLICATION NUMBER: US 09/135,010  
; PRIOR FILING DATE: 1998-08-17  
; PRIOR APPLICATION NUMBER: US 60/094,477  
; PRIOR FILING DATE: 1998-07-29  
; PRIOR APPLICATION NUMBER: US 08/921,068  
; PRIOR FILING DATE: 1997-08-29  
; PRIOR APPLICATION NUMBER: US 08/739,383  
; PRIOR FILING DATE: 1996-10-29  
; PRIOR APPLICATION NUMBER: US 60/019,014  
; PRIOR FILING DATE: 1995-12-22  
; NUMBER OF SEQ ID NOS: 116  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO: 74  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-368-643-74

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACCCCTTC 1270  
1 CCATCCCCCAGCCCATC 18

RESULT 147  
US-10-314-657-165  
; Sequence 165, Application US/10314657  
; Publication No. US20030175888A1  
; GENERAL INFORMATION:  
; APPLICANT: SHEN, Ben  
; APPLICANT: CHENG, Yi-Qiang  
; APPLICANT: TANG, Gong-Li  
; TITLE OF INVENTION: Discrete Acyltransferases Associated with Type I Polyketide  
; Syntheses and Methods of Use  
; FILE REFERENCE: 054030-0021  
; CURRENT APPLICATION NUMBER: US/10/314,657  
; CURRENT FILING DATE: 2002-12-09  
; PRIOR APPLICATION NUMBER: PCT/US02/08937  
; PRIOR FILING DATE: 2002-03-22  
; PRIOR APPLICATION NUMBER: US 60/278,935  
; PRIOR FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 214  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 165  
; LENGTH: 18

TYPE: DNA  
ORGANISM: Streptomyces atroolivaceus  
US-10-314-657-165

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 872 AGGACTCAGGCACCACAG 889  
1 ATGACCCAGGCACCACAG 18

RESULT 148  
US-10-423-007-31/c  
; Sequence 31, Application US/10423007  
; Publication No. US20030180889A1  
; GENERAL INFORMATION:  
; APPLICANT: OHTOMO, TOSHIHIKO  
; APPLICANT: TSUCHIYA, MASAYUKI  
; APPLICANT: KOISHIHARA, YASUO  
; APPLICANT: KOSAKA, MASAOKI  
; TITLE OF INVENTION: GENOMIC GENE ENCODING HM 1.24 ANTIGEN PROTEIN AND  
; PROMOTER THEREOF  
; FILE REFERENCE: 053466/0285  
; CURRENT APPLICATION NUMBER: US/10/423,007  
; CURRENT FILING DATE: 2003-04-25  
; PRIOR APPLICATION NUMBER: US/09/522,166A  
; PRIOR FILING DATE: 2000-08-14  
; PRIOR APPLICATION NUMBER: PCT/JF99/00884  
; PRIOR FILING DATE: 1999-02-25  
; PRIOR APPLICATION NUMBER: 10-60617  
; PRIOR FILING DATE: 1998-02-25  
; PRIOR APPLICATION NUMBER: 10-93883  
; PRIOR FILING DATE: 1998-03-24  
; NUMBER OF SEQ ID NOS: 33  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 31  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-423-007-31

Query Match 0.6%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 1.4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1020 AGAGGGGAGCTTGAAGG 1037  
18 AGTGGAGGAGCTTGAGGG 1

RESULT 149  
US-10-388-263-26/c  
; Sequence 26, Application US/10388263  
; Publication No. US20030228597A1  
; GENERAL INFORMATION:  
; APPLICANT: Cowsert, Lex M.  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: McNeil, John  
; APPLICANT: Freier, Susan M.  
; APPLICANT: Sasnor, Henri M.  
; APPLICANT: Brooks, Douglas G.  
; APPLICANT: Ohashi, Cara  
; APPLICANT: Wyatt, Jacqueline R.  
; APPLICANT: Borchers, Alexander  
; APPLICANT: Vickers, Timothy A.  
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR  
; MODULATION BY OLIGONUCLEOTIDES AND  
; GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION  
; FILE REFERENCE: ISIS-4503

```
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-26

Query Match          0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1006 TCGACACTGAAAGAG 1023
Db 18 TAGACACTGGACAGAG 1

RESULT 150
US-10-388-263-221/c
; Sequence 221, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 221
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-221

Query Match          0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1120 CCCAGTTCACCTTCACC 1137
Db 18 CTCTATTCACCTTCACC 1

RESULT 151
US-10-349-143-4110/c
; Sequence 4110, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4110
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-18386 for SEQ 943,
US-10-349-143-4877

Query Match          0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1130 CCTTCACCTCCAGCTCCA 1147
Db 18 CTTTACCTCCACCTCCA 1

RESULT 153
US-09-949-427-355/c
; Sequence 355, Application US/09949427
; Publication No. US200300054418A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4877
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-18386 for SEQ 943,
US-10-349-143-4877

Query Match          0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1130 CCTTCACCTCCAGCTCCA 1147
Db 18 CTTTACCTCCACCTCCA 1

RESULT 153
US-09-949-427-355/c
; Sequence 355, Application US/09949427
; Publication No. US200300054418A1
; GENERAL INFORMATION:
```

APPLICANT: Bodnar, Jackie S.  
APPLICANT: Castellani, Lawrence W.  
APPLICANT: Chatterjee, Aurobindo  
APPLICANT: de Jong, Pieter  
APPLICANT: Luisi, Aldons J.  
APPLICANT: Ohmen, Jeff  
APPLICANT: Ross, David  
APPLICANT: Tafuri, Sherrie  
APPLICANT: Wu, Chenyan  
TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer  
FILE REFERENCE: 02810.0014.NPUS02  
CURRENT APPLICATION NUMBER: US/09/949,427  
CURRENT FILING DATE: 2001-09-07  
PRIOR APPLICATION NUMBER: 60/231,322  
PRIOR FILING DATE: 2000-09-08  
NUMBER OF SEQ ID NOS: 405  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 355  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Primer  
US-09-949-427-355

Query Match 0.6%; Score 13.2; DB 1; Length 21;  
Best Local Similarity 83.3%; Pred. No. 2.2e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 36 GGAGCCTCAGTCCAGAGA 53  
DB 20 GGAGCCTGAGTCTCAGA 3

RESULT 154  
US-10-440-850-309/c  
Sequence 309, Application US/10440850  
Publication No. US20030207837A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwiggen, Jim  
TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal  
TITLE OF INVENTION: Immune Responses  
FILE REFERENCE: 250/130 (MBHB00-900-A)  
CURRENT APPLICATION NUMBER: US/10/440,850  
CURRENT FILING DATE: 2003-05-19  
PRIOR APPLICATION NUMBER: US/09/650,012  
PRIOR FILING DATE: 2000-08-28  
PRIOR APPLICATION NUMBER: US 08/585,684  
PRIOR FILING DATE: 1996-01-12  
PRIOR APPLICATION NUMBER: US 60/000,951  
PRIOR FILING DATE: 1995-07-07  
PRIOR APPLICATION NUMBER: US 09/038,073  
PRIOR FILING DATE: 1998-03-11  
NUMBER OF SEQ ID NOS: 2285  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 309  
LENGTH: 15  
TYPE: RNA  
ORGANISM: Mus musculus  
US-10-440-850-309

Query Match 0.6%; Score 13; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 97;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1011 ACCTGAAAAGAG 1023  
DB 14 ACCTGAAAAGAG 2

RESULT 155  
US-10-440-850-310/c  
Sequence 310, Application US/10440850  
Publication No. US20030207837A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwiggen, Jim  
TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal  
TITLE OF INVENTION: Immune Responses  
FILE REFERENCE: 250/130 (MBHB00-900-A)  
CURRENT APPLICATION NUMBER: US/10/440,850  
CURRENT FILING DATE: 2003-05-19  
PRIOR APPLICATION NUMBER: US/09/650,012  
PRIOR FILING DATE: 2000-08-28  
PRIOR APPLICATION NUMBER: US 08/585,684  
PRIOR FILING DATE: 1996-01-12  
PRIOR APPLICATION NUMBER: US 60/000,951  
PRIOR FILING DATE: 1995-07-07  
PRIOR APPLICATION NUMBER: US 09/038,073  
PRIOR FILING DATE: 1998-03-11  
NUMBER OF SEQ ID NOS: 2285  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 310  
LENGTH: 15  
TYPE: RNA  
ORGANISM: Mus musculus  
US-10-440-850-310

Query Match 0.6%; Score 13; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 97;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1011 ACCTGAAAAGAG 1023  
DB 13 ACCTGAAAAGAG 1

RESULT 156  
US-09-780-533A-2378/c  
Sequence 2378, Application US/09780533A  
Publication No. US20030060611A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Blatt, Larry  
APPLICANT: McSwiggen, Jim  
APPLICANT: Chowrira, Bharat  
APPLICANT: Haerberli, Pete  
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene  
FILE REFERENCE: MBHB00,878-A (400/011)  
CURRENT APPLICATION NUMBER: US/09/780,533A  
CURRENT FILING DATE: 2001-02-09  
PRIOR APPLICATION NUMBER: US 60/181,797  
PRIOR FILING DATE: 2000-02-11  
NUMBER OF SEQ ID NOS: 6679  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2378  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-780-533A-2378

Query Match 0.6%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCC 1146  
DB 14 CACCTCCAGCTCC 2

RESULT 157

US-10-060-830-207  
; Sequence 207, Application US/10060830  
; Publication No. US20030032154A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Nguyen, Cung-Tuong  
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN  
; FILE REFERENCE: PB0169  
; CURRENT APPLICATION NUMBER: US/10/060,830  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/325,062  
; PRIOR FILING DATE: 2001-09-25  
; NUMBER OF SEQ ID NOS: 1123  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 207  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-830-207

Query Match 0.6%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 882 CACCACAGTGCTG 894  
Db 2 CACCACAGTGCTG 14  
|||||  
RESULT 158  
US-10-060-830-208  
; Sequence 208, Application US/10060830  
; Publication No. US20030032154A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Nguyen, Cung-Tuong  
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN  
; FILE REFERENCE: PB0169  
; CURRENT APPLICATION NUMBER: US/10/060,830  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/325,062  
; PRIOR FILING DATE: 2001-09-25  
; NUMBER OF SEQ ID NOS: 1123  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 208

; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-830-208  
Query Match 0.6%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 882 CACCACAGTGCTG 894  
Db 1 CACCACAGTGCTG 13  
|||||  
RESULT 159  
US-10-339-782-110  
; Sequence 110, Application US/10339782  
; Publication No. US20030166026A1  
; GENERAL INFORMATION:  
; APPLICANT: Lynx Therapeutics, Inc.  
; APPLICANT: Goodman, Laurie J  
; APPLICANT: Bowen, Benjamin A  
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells  
; FILE REFERENCE: 37-000110US  
; CURRENT APPLICATION NUMBER: US/10/339,782  
; CURRENT FILING DATE: 2003-01-08  
; NUMBER OF SEQ ID NOS: 495  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 110  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-339-782-110

Query Match 0.6%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1255 ATCCCCAACCCCC 1267  
Db 2 ATCCCCAACCCCC 14  
|||||  
RESULT 160  
US-10-210-130-362  
; Sequence 362, Application US/10210130  
; Publication No. US20040014053A1  
; GENERAL INFORMATION:  
; APPLICANT: Zehrhusen, Bryan D.  
; APPLICANT: Patturajan, Meera  
; APPLICANT: Kekuda, Ramesh  
; APPLICANT: Miller, Charles E.  
; APPLICANT: Rieger, Daniel K.  
; APPLICANT: Pena, Carol E.A.  
; APPLICANT: Shimkets, Richard A.  
; APPLICANT: Li, Li  
; APPLICANT: Berghs, Constance  
; APPLICANT: Zhong, Mei  
; APPLICANT: Casman, Stacie J.  
; APPLICANT: Voss, Edward Z.  
; APPLICANT: Boldog, Ferenc L.  
; APPLICANT: Padigaru, Muralidhara  
; APPLICANT: Smithson, Glenna  
; APPLICANT: Ji, Weizhen  
; APPLICANT: Gorman, Linda  
; APPLICANT: Vernet, Corine A.M.  
; APPLICANT: Leite, Mario W.  
; APPLICANT: Guo, Xiaojia Sasha  
; APPLICANT: Anderson, David W.  
; APPLICANT: Spytek, Kimberly A.  
; APPLICANT: Gerlach, Valerie  
; APPLICANT: Burgess, Catherine E.  
; APPLICANT: Khrantsov, Nikolai V.

schultz451-1.rnpb

Tue Mar 2 06:29:59 2004

```
; APPLICANT: Ort, Tatiana
; APPLICANT: Ellerman, Karen
; APPLICANT: Rastelli, Luca
; APPLICANT: Agee, Michele L.
; APPLICANT: Chaudhuri, Amitabha
; APPLICANT: Chant, John S.
; APPLICANT: DiPippo, Vincent A.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Eisen, Andrew J.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Giot, Iolc
; APPLICANT: Ooi, Chean Eng
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Hjal, Tord
; APPLICANT: Liu, Xiaohong
; APPLICANT: Taupier, Raymond J., Jr.
; APPLICANT: Catterton, Elina
; APPLICANT: Shenoy, Suresh G.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-416C (Cura-716 SMT)
; CURRENT APPLICATION NUMBER: US/10/210,130
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: 60/309,501
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/316,508
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 60/354,655
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/383,887
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/323,936
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/381,039
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 369
; SOFTWARE: CuraSeqdist version 0.1
; SEQ ID NO 362
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
; US-10-210-130-362

Query Match 0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCC 1146
DB 2 CACCTCCAGCTCC 14

RESULT 161
US-10-065-133A-73
; Sequence 73, Application US/10065133A
; Publication No. US20030199074A1
; GENERAL INFORMATION:
; APPLICANT: Dowling, Patricia W.
; APPLICANT: Youngner, Julius S.
; TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES
; FILE REFERENCE: EQ-1-C2-1
; CURRENT APPLICATION NUMBER: US/10/065,133A
```

```
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: PCT/US99/18583
; PRIOR FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: 09/133,921
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 73
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
; US-10-065-133A-73

Query Match 0.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCAG 880
DB 2 ACTGAGGACTCAG 14

RESULT 162
US-09-868-108-970
; Sequence 970, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 970
```



Matsumoto, Yoshihiro  
Yamada, Yoshiki  
Sato, Koh  
Tsuchiya, Masayuki  
Yamazaki, Tatsumi  
TITLE OF INVENTION: Reshaped Human Antibody to Interleukin-8  
NUMBER OF SEQUENCES: 105  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FORSTER  
STREET: 2000 Pennsylvania Avenue, NW, suite 5500  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20006-1888  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA: US/09/730,857  
FILING DATE: 07-Dec-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/416,557  
FILING DATE: 1999-10-12  
ATTORNEY/AGENT INFORMATION:  
NAME: Murashige, Kate H  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 35029-20001.10  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-887-1500  
TELEFAX: 202-822-0168  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 79:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: Other  
LOCATION: 1...17  
OTHER INFORMATION: HIP sequence  
SEQUENCE DESCRIPTION: SEQ ID NO: 79:  
US-09-730-857-79  
Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1057 GCCCAACCCCAAGCT 1072  
DB 1 GCCCAACCCCAAGT 16  
RESULT 166  
US-09-864-785-75  
Sequence 75, Application US/09864785  
Patent No. US20020177568A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Draper, Ken  
APPLICANT: McSwiggen, Jim  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to HIV  
TITLE OF INVENTION: Levels of NF-kappa B  
FILE REFERENCE: 400/022 (MBH00-812-D)  
CURRENT APPLICATION NUMBER: US/09/864,785  
CURRENT FILING DATE: 2001-05-23  
NUMBER OF SEQ ID NOS: 3929  
SOFTWARE: PatentIn version 3.0

SEQ ID NO 75  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-75  
Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 1.6e+02;  
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;  
QY 1085 CAGGCTTCACCCCCAC 1100  
DB 1 CCGGCCUACCCCCAC 16  
RESULT 167  
US-09-864-785-390  
Sequence 390, Application US/09864785  
Patent No. US20020177568A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Draper, Ken  
APPLICANT: McSwiggen, Jim  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to HIV  
TITLE OF INVENTION: Levels of NF-kappa B  
FILE REFERENCE: 400/022 (MBH00-812-D)  
CURRENT APPLICATION NUMBER: US/09/864,785  
CURRENT FILING DATE: 2001-05-23  
NUMBER OF SEQ ID NOS: 3929  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 390  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-390  
Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 1.6e+02;  
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;  
QY 1053 CCGGCCUACCCCAAGCT 1068  
DB 2 CCGGCCUACCCCAAGCT 17  
RESULT 168  
US-09-864-785-391  
Sequence 391, Application US/09864785  
Patent No. US20020177568A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Draper, Ken  
APPLICANT: McSwiggen, Jim  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to HIV  
TITLE OF INVENTION: Levels of NF-kappa B  
FILE REFERENCE: 400/022 (MBH00-812-D)  
CURRENT APPLICATION NUMBER: US/09/864,785  
CURRENT FILING DATE: 2001-05-23  
NUMBER OF SEQ ID NOS: 3929  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 391  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-391



```
Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.6e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1053 CCTGGCCCCCAACCCA 1068
DB 1 CCUGCCCCCAAGCCCA 16

RESULT 169
US-09-864-785-582
; Sequence 582, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 582
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-582

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.6e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1251 CCCATCCCCCAACCCC 1266
DB 2 CCCCAUCCCAUCCUC 17

RESULT 170
US-09-864-785-584
; Sequence 584, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 584
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-584

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.6e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1252 CCCATCCCCCAACCCC 1267
DB 2 CCCCAUCCCAUCCUC 17

RESULT 171
US-09-864-785-2109/c
; Sequence 2109, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2109
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-2109

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1105 GGCCTTCAGTCCCGTGC 1120
DB 1 17 GGCCTTCAGTCCCGTGC 2

RESULT 172
US-09-825-805-677/c
; Sequence 677, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBHB00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 677
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-677
```

```
Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1110 CAGTCCGCGTCCCGAGT 1125
Db 16 CAGTCCACTGCCCGAGT 1

RESULT 173
US-09-825-805-680/c
; Sequence 680, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MHB00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 680
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-680

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 CAGAACACCGTGTGCA 754
Db 16 CAGGCGACCGTGTGCA 1

RESULT 174
US-09-269-921-72
; Sequence 72, Application US/09269921
; Publication No. US20030045691A1
; GENERAL INFORMATION:
; APPLICANT: Ono, Koichiro
; APPLICANT: Ohtomo, Toshihiko
; APPLICANT: Tsuchiya, Masayuki
; APPLICANT: Yoshimura, Yasuo
; APPLICANT: Koishihara, Yasuo
; TITLE OF INVENTION: RESHAPED HUMAN ANTI-HM 1.24 ANTIBODY
; FILE REFERENCE: 35029-20007.00
; CURRENT APPLICATION NUMBER: US/09/269,921
; CURRENT FILING DATE: 1999-04-01
; EARLIER APPLICATION NUMBER: PCT/JP97/03553
; EARLIER FILING DATE: 1997-10-03
```

```
; EARLIER APPLICATION NUMBER: JP 8-264756
; EARLIER FILING DATE: 1996-10-04
; NUMBER OF SEQ ID NOS: 137
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 72
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-269-921-72

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1057 GCCCAAGCCAGCT 1072
Db 1 GCCCAAGCCAGCT 16

RESULT 175
US-09-730-289B-971
; Sequence 971, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MHB00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 971
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-971

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 1.6e+02;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 799 TGTAGTAAGTGTGCA 814
Db 2 UGUAGUACUACUACA 17

RESULT 176
US-09-818-875-2566/c
; Sequence 2566, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: NADro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
```

; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2566  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-2566

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1224 CATCCTTGCGACAGCC 1239  
Db 17 CATCCTTGCAACTGCC 2

## RESULT 177

US-09-818-875-2567  
; Sequence 2567, Application US/09818875  
; Publication No. US20030051270A1

## GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4

; CURRENT APPLICATION NUMBER: US/09/818,875  
; CURRENT FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2567

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-818-875-2567

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1224 CATCCTTGCGACAGCC 1239  
Db 1 CATCCTTGCAACTGCC 16

## RESULT 178

US-09-818-875-2570/c  
; Sequence 2570, Application US/09818875  
; Publication No. US20030051270A1

## GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4

; CURRENT APPLICATION NUMBER: US/09/818,875  
; CURRENT FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2570

; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2570  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-2570

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1224 CATCCTTGCGACAGCC 1239  
Db 17 CATCCTTGCAACTGCC 2

## RESULT 179

US-09-818-875-2571  
; Sequence 2571, Application US/09818875  
; Publication No. US20030051270A1

## GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4

; CURRENT APPLICATION NUMBER: US/09/818,875  
; CURRENT FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2571

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-818-875-2571

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1224 CATCCTTGCGACAGCC 1239  
Db 1 CATCCTTGCAACTGCC 16

## RESULT 180

US-09-818-875-2574/c  
; Sequence 2574, Application US/09818875  
; Publication No. US20030051270A1

## GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4

; CURRENT APPLICATION NUMBER: US/09/818,875  
; CURRENT FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2574

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-818-875-2574

```
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2574
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2574
```

```
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1224 CATCCTTGCACAGCC 1239
Db 16 CATCCTTGCAACTGCC 1
```

## RESULT 181

```
US-09-818-875-2575
; Sequence 2575, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
```

```
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2575
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2575
```

```
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1224 CATCCTTGCACAGCC 1239
Db 2 CATCCTTGCAACTGCC 17
```

## RESULT 182

```
US-09-780-533A-2379/C
; Sequence 2379, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
```

```
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2379
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2379
```

```
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1130 CCTTCACCTCCAGCTC 1145
Db 16 CCAGCACCTCCAGCTC 1
```

## RESULT 183

```
US-09-877-478-2063/c
; Sequence 2063, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
```

```
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/536,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2063
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-2063
```

```
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1042 ACTACTAAGCCCTGG 1057
Db 17 ACTACTAATTCCTGG 2
```

## RESULT 184

```
US-09-848-754A-262
; Sequence 262, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 262
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-262

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.6e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1024 GGGGAGCTTGAAGGAA 1039
Db 1 GAGGAUCUUGAAGGAA 16

RESULT 185
US-09-848-754A-927/c
; Sequence 927, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 927
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-927

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 858 TGTTAAGGCACTGAG 873
Db 16 TGTTAAGGCACTGAG 1

RESULT 186
US-09-848-754A-1359
; Sequence 1359, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1359
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1359

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.6e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1024 GGGGAGCTTGAAGGAA 1039
Db 2 GAGGAUCUUGAAGGAA 17

RESULT 187
US-09-848-754A-3090/c
; Sequence 3090, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3090
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3090

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1177 GCGGCTCCCGCAGAG 1192
Db 17 GCTGCTCCCGAAGAG 2

RESULT 188
US-09-848-754A-3091/c
; Sequence 3091, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3091
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3091

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1177 GCGGCTCCCGCAGAG 1192
Db 16 GCTGCTCCCGAAGAG 1

RESULT 189
US-09-509-098-94
; Sequence 94, Application US/09509098
; Publication No. US20030103970A1
; GENERAL INFORMATION:
; APPLICANT: TSUCHIWA, MASAYUKI
; TITLE OF INVENTION: NATURAL HUMANIZED ANTIBODY
; FILE REFERENCE: 053466/0274
; CURRENT APPLICATION NUMBER: US/09/509,098
; CURRENT FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: PCT/JP98/04469
```

RESULT 191  
US-09-827-395A-355  
; Sequence 355, Application US/09827395A  
; Publication No. US20030113891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Lawrence Blatt  
; APPLICANT: James McSwigg  
; APPLICANT: Bharat Chowrira  
; TITLE OF INVENTION: Method and Reagent for  
; FILE REFERENCE: MBHB00-878-C (400/017)  
; CURRENT APPLICATION NUMBER: US/09/827,395A  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: 09/780,533  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/181,797  
; PRIOR FILING DATE: 2000-02-11

```

/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals Inc
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
/ TITLE OF INVENTION: Hepatitis C Virus Infection
/ FILE REFERENCE: RPI 400/003
/ CURRENT APPLICATION NUMBER: US/09/740,332
/ CURRENT FILING DATE: 2001-03-26
/ NUMBER OF SEQ ID NOS: 9704
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3289
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3289

```

Query Match  
0.6%; Score 12.8; DB 1; Length 17;

```
Best Local Similarity 87.5%; Pred. No. 1.6e+02; Mismatches 2; Indels 0; Gaps 0;
Matches 14; Conservative 0;

QY 1086 AGGCTTCACCCACC 1101
DB 17 AGGCTCCACCCATC 2

RESULT 194
US-09-817-879-2772/c
; Sequence 2772, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2772
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2772

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1117 GTGCCAGTCCACCT 1132
DB 16 GTGCCATGCCACCT 1

RESULT 195
US-09-817-879-3289/c
; Sequence 3289, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3289
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3289

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1086 AGGCTTCACCCACC 1101
DB 17 AGGCTCCACCCATC 2

RESULT 196
```

```
US-10-059-828-1
; Sequence 1, Application US/10059828
; Publication No. US20020165188A1
; GENERAL INFORMATION:
; APPLICANT: Herlyn, Meenhard
; APPLICANT: Satyamoorthy, Kapaettu
; TITLE OF INVENTION: Methods for Inhibition of Tumorigenic Properties of Melanoma Cells
; TITLE OF INVENTION: Properties of Melanoma Cells
; FILE REFERENCE: WSTR-0008
; CURRENT APPLICATION NUMBER: US/10/059,828
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: 09/686,257
; PRIOR FILING DATE: 2000-10-11
; PRIOR APPLICATION NUMBER: 60/159,353
; PRIOR FILING DATE: 1999-10-14
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-059-828-1

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1251 CCCATCCCCAACCCC 1266
DB 2 CCCATCGCCATCCCC 17

RESULT 197
US-10-060-756A-910/c
; Sequence 910, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 910
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-910

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 749 TGTGCACCTGCCATGC 764
```

Tue Mar 2 06:29:59 2004

17 TGTTCACCTGCCAGGC 2

३७

RESIST 198

```

US-10-060-756A-911/C
; Sequence 911, Application US/10060756A
; Publication No. US2003004671A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aemica Sequence Listing Engine
; SEQ ID NO 911
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-756A-911

```

```

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14: Conservative 0; Mismatches 2; Indels

```

749 TGTGCACCTGCCATGC 764  
||| ||| ||| ||| ||  
16 TGTTCACTGCCAGGC 1

11

DECEMBER 1999

```

US-10-060-756A-1254/c
; sequence 1254, Application US/10060756A
; Publication NO. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09

```

```

; NUMBER CF SEQ ID NOS: 4904
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1254
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1254

```

```

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. NO. 1.6e+02;
Matches 14: Conservative 0; Mismatches 2; Indels

```

QY  
727 TGCCAGGAGAAACAGA 742

Rb  
17 TGCCAGGTGAACACA 2

Did

RESIST 200

```

US-10-060-756A-1255/C
Sequence 1255, Application US/10060756A
Publication NO. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 1255
LENGTH: 17

```

; LIFE: DNA  
 ; ORGANISM: Homo sapiens  
 URS-10-060-756A-1255

Answer: Match

```

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

QY 727 TGCCAGGAGAAACAGA 742  
|||||  
rb 16 TGCCAGGTGAAACACA 1

ז

POSTED 201

US01/060,756A-4341/c  
 ; Sequence 4341, Application US/10060756A  
 ; Publication No. US20030046717A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Zhang, Jian  
 ; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN  
 ; FILE REFERENCE: PB0177  
 ; CURRENT APPLICATION NUMBER: US/10/060,756A  
 ; CURRENT FILING DATE: 2002-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664



Db 16 TTGGTCTTTGACTTGT I

RESULT 203  
US-10-060-998-53



## RESULT 210

US-10-218-253-72

; Sequence 72, Application US/10218253

; Publication No. US20030129185A1

; GENERAL INFORMATION:

; APPLICANT: Ono, Koichiro

; APPLICANT: Ohtomo, Toshihiko

; APPLICANT: Teuchiya, Masayuki

; APPLICANT: Yoshimura, Yasushi

; APPLICANT: Koishihara, Yasuo

; TITLE OF INVENTION: RESHAPED HUMAN ANTI-HM 1.24 ANTIBODY

; FILE REFERENCE: 35029-2007.00

; CURRENT APPLICATION NUMBER: US/10/218,253

; CURRENT FILING DATE: 2002-11-21

; PRIOR APPLICATION NUMBER: US/09/269,921

; PRIOR FILING DATE: 1999-04-01

; PRIOR APPLICATION NUMBER: PCT/JP97/03553

; PRIOR FILING DATE: 1997-10-03

; PRIOR APPLICATION NUMBER: JP 8-264756

; PRIOR FILING DATE: 1996-10-04

; NUMBER OF SEQ ID NOS: 137

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 72

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: primer

US-10-218-253-72

## Query Match

Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY

1057 GCCCAAAACCAAGT 1072

|||||

1 GCCCAAAACCAAGT 16

## RESULT 211

US-10-238-700-802

; Sequence 802, Application US/10238700

; Publication No. US20030153521A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level

; FILE REFERENCE: 400/057 (MBH01-1158-A)

; CURRENT APPLICATION NUMBER: US/10/238,700

; CURRENT FILING DATE: 2002-09-18

; PRIOR APPLICATION NUMBER: PCT/US 02/16840

; PRIOR FILING DATE: 2002-05-29

; PRIOR APPLICATION NUMBER: US 60/318,471

; PRIOR FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 4666

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 802

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-238-700-802

## Query Match

Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;

Matches 7; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY

939 CTTTCATTGTTTAAATG 954

|::|::|::|::|::|::|

2 CUUCAUUUUUUAAAG 17

## RESULT 212

US-10-238-700-3324/c

; Sequence 3324, Application US/10238700

; Publication No. US20030153521A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level

; FILE REFERENCE: 400/057 (MBH01-1158-A)

; CURRENT APPLICATION NUMBER: US/10/238,700

; CURRENT FILING DATE: 2002-09-18

; PRIOR APPLICATION NUMBER: PCT/US 02/16840

; PRIOR FILING DATE: 2002-05-29

; PRIOR APPLICATION NUMBER: US 60/318,471

; PRIOR FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 4666

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 3324

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-238-700-3324

## Query Match

Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY

1293 CAAGCCACAGAGCCTA 1308

|||||

16 CAGCCACAGAGCGGA 1

## RESULT 213

US-10-209-787-2566/c

; Sequence 2566, Application US/10209787

; Publication No. US20030217377A1

; GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.

; APPLICANT: Gamber, Howard B.

; APPLICANT: Rice, Michael C.

; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

; FILE REFERENCE: Napro-4

; CURRENT APPLICATION NUMBER: US/10/209,787

; CURRENT FILING DATE: 2002-07-30

; PRIOR APPLICATION NUMBER: US 09/818,875

; PRIOR FILING DATE: 2001-03-27

; PRIOR APPLICATION NUMBER: US 60/192,176

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/192,179

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/208,538

; PRIOR FILING DATE: 2000-06-01

; PRIOR APPLICATION NUMBER: US 60/244,989

; PRIOR FILING DATE: 2000-10-30

; NUMBER OF SEQ ID NOS: 4385

; SOFTWARE: Friedman macro Napro4

; SEQ ID NO 2566

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-209-787-2566

## Query Match

Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY

1224 CATCCTGCGACAGCC 1239

|||||

17 CATCCTGCGACTGCC 2

OY 1224 CATCCTTGCGACAGCC 1239  
Db 17 CATCCTTGCAACTGCC 2

RESULT 216  
US-10-209-787-2571  
; Sequence 2571, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2567  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-209-787-2567

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1224 CATCCTTGCGACAGCC 1239  
Db 1 CATCCTTGCAACTGCC 16

RESULT 215  
US-10-209-787-2570/c  
; Sequence 2570, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2570  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-209-787-2570

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1224 CATCCTTGCGACAGCC 1239  
Db 17 CATCCTTGCAACTGCC 2

RESULT 216  
US-10-209-787-2571  
; Sequence 2571, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2571  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-209-787-2571

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1224 CATCCTTGCGACAGCC 1239  
Db 1 CATCCTTGCAACTGCC 16

RESULT 217  
US-10-209-787-2574/c  
; Sequence 2574, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2574  
; LENGTH: 17  
; TYPE: DNA

```
; ORGANISM: Homo sapiens
US-10-209-787-2574

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1224 CATCTTGGCAGACC 1239
Db 16 CATCTTGCAACTGCC 1

RESULT 218
US-10-209-787-2575
; Sequence 2575, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; PRIOR FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2575
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2575

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1224 CATCTTGGCAGACC 1239
Db 2 CATCTTGCAACTGCC 17

RESULT 219
US-10-297-068-1056/c
; Sequence 1056, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13:40P1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1056
; LENGTH: 17

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: capture
US-10-297-068-1056

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CACCTGCCATGCAGGT 769
Db 17 CACGTGCCATCCAGGT 2

RESULT 220
US-10-261-185-2566/c
; Sequence 2566, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2566
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2566

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1224 CATCTTGGCAGACC 1239
Db 17 CATCTTGCAACTGCC 2

RESULT 221
US-10-261-185-2567
; Sequence 2567, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2567
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2567
```

```

; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2567
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2567

```

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels

Qy 1224 CATCCTTGGACAGCC 1239  
|||  
Db 1 CATCCTTGGCAACTGCC 16

```

RESULT 222
US-10-261-185-2570/c
; Sequence 2570, Application US/10261185
; Publication No. US20040014057A1
;
; GENERAL INFORMATION:
;
; APPLICANT: Knutec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal (
; TITLE OF INVENTION: Targeted Oligonucleo
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2570
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2570

```

Query Match 0.6%; Score 12.8; DB 1;  
Best Local Similarity 87.5%; Pred. No. 1.6e+02;  
Matches 14; Conservative 0; Mismatches 2 Indels

Qy 1224 CATCCTTGCGACAGCC 1239  
|||  
db 17 CATCCTTGCAACTGCC 2

```

RESULT 223
US-10-261-185-2571
; Sequence 2571, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampier, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosome
; TITLE OF INVENTION: Stranded Oligonucleotide
; FILE REFERENCE: NaPro-4CON

```

```

, CURRENT APPLICATION NUMBER: US/10/261,185
, CURRENT FILING DATE: 2002-09-27
, PRIOR APPLICATION NUMBER: PCT/US01/09761
, PRIOR FILING DATE: 2001-03-27
, PRIOR APPLICATION NUMBER: US 60/192,176
, PRIOR FILING DATE: 2000-03-27
, PRIOR APPLICATION NUMBER: US 60/192,179
, PRIOR FILING DATE: 2000-03-27
, PRIOR APPLICATION NUMBER: US 60/208,538
, PRIOR FILING DATE: 2000-06-01
, PRIOR APPLICATION NUMBER: US 60/244,989
, PRIOR FILING DATE: 2000-10-30
, NUMBER OF SEQ ID NOS: 4385
, SOFTWARE: Friedman macro Napro4
, SEQ ID NO 2571
, LENGTH: 17
, TYPE: DNA
, ORGANISM: Homo sapiens
US-10-261-185-2571

```

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels

QY 1224 CATCCTTGGACAGCC 1239  
db 1 CATCCTTGGCAACTGCC 16

RESULT 224  
US-10-261-185-2574/c  
; Sequence 2574, Application US/10261185  
; Publication No. US20040014057A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; TITLE OF INVENTION: Stranded Oligonucleotides

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels

QY 1224 CATCCTTGGACAGCC 1239  
|||  
pb 16 CATCCTTGGAACTGCC 1

RESULT 225  
US-10-261-185-2575  
; Sequence 2575, Application US/10261185  
; Publication No. US20040014057A1

GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gampier, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; TITLE OF INVENTION: Stranded Oligonucleotides  
; FILE REFERENCE: Napro-4CON  
; CURRENT APPLICATION NUMBER: US/10/261,185  
; CURRENT FILING DATE: 2002-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/09761  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2575  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-261-185-2575

Query Match 0.6%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 1.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1224 CATCCTTGCAGACGC 1239  
Db 2 CATCCTTGCAGACGC 17

## RESULT 226

US-09-067-638B-35/c  
; Sequence 35, Application US/09067638B  
; Patent No. US20020028923A1

## GENERAL INFORMATION:

; APPLICANT: Lex M. Cowsett  
; APPLICANT: Brenda F. Baker  
; APPLICANT: John McNeil  
; APPLICANT: Susan M. Freier  
; APPLICANT: Henri M. Sasmor  
; APPLICANT: Douglas G. Brooks  
; APPLICANT: Cara Ohashi  
; APPLICANT: Jacqueline R. Wyatt  
; APPLICANT: Alexander Borchers  
; APPLICANT: Timothy A. Vickers

; TITLE OF INVENTION: Identification of Genetic  
; TITLE OF INVENTION: Targets for Modulation By Oligonucleotides and  
; TITLE OF INVENTION: Generation of Oligonucleotides for Gene  
; TITLE OF INVENTION: Modulation

; NUMBER OF SEQUENCES: 112

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: WOODCOCK WASHBURN KURTZ  
; ADDRESSEE: MACKIEWICZ & NORRIS LLP  
; STREET: 1 LIBERTY PLACE 46TH FLOOR  
; CITY: PHILADELPHIA  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103

; COMPUTER: IBM

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB

; OPERATING SYSTEM: PC-Windows NT

; SOFTWARE: WORD PERFECT 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/067,638B

; FILING DATE: 28-APR-1998

; CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/081,483  
; FILING DATE: 13-APR-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: John W. Caldwell  
; REGISTRATION NUMBER: 28,937  
; REFERENCE/DOCKET NUMBER: ISIS-2960  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 35:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-067-638B-35

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 1.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 743 ACACCGTGTGCACCTG 758  
Db 17 ACACCATCTGCACCTG 2

## RESULT 227

US-10-108-714-8/c  
; Sequence 8, Application US/10108714  
; Publication No. US20020128445A1

## GENERAL INFORMATION:

; APPLICANT: Gil, Daniel W.  
; APPLICANT: Regan, John W.  
; APPLICANT: Woodward, David F.  
; TITLE OF INVENTION: No. US20020128445A1 Human Prostaglandin EP Receptor  
; FILE REFERENCE: 17023 DIV CIP  
; CURRENT APPLICATION NUMBER: US/10/108,714  
; CURRENT FILING DATE: 2002-03-28  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/267,423  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-12  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 08/239,431  
; PRIOR FILING DATE: EARLIER FILING DATE: 1994-05-05  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 8  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-108-714-8

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 1.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 912 CTTGGTCTTTGCCCTT 927  
Db 17 CTTGGTCTTTGCCAT 2

## RESULT 228

US-10-197-290-36  
; Sequence 36, Application US/10197290  
; Publication No. US20030083300A1

## GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett  
; APPLICANT: Elizabeth J. Ackermann  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: RTSP-0421  
; CURRENT APPLICATION NUMBER: US/10/197,290  
; CURRENT FILING DATE: 2002-07-16

; PRIOR APPLICATION NUMBER: 09/857,299  
; PRIOR FILING DATE: 2001-20-04  
; PRIOR APPLICATION NUMBER: PCT/US99/22083  
; PRIOR FILING DATE: 1999-09-23  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 36  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-10-197-290-36

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 1.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 927 TTTATCCCTCCTCTTC 942  
Db 1 TTCTCTCTCTCTTC 16

RESULT 229  
US-10-116-325-35/c  
; Sequence 35, Application US/10116325  
; Publication No. US2003011379A1  
; GENERAL INFORMATION:  
; APPLICANT: Cowsert, Lex M.  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: McNeil, John  
; APPLICANT: Freier, Susan M.  
; APPLICANT: Sasmor, Henri M.  
; APPLICANT: Brooks, Douglas G.  
; APPLICANT: Ohashi, Cara  
; APPLICANT: Wyatt, Jacqueline R.  
; APPLICANT: Borchers, Alexander  
; APPLICANT: Vickers, Timothy A.  
; TITLE OF INVENTION: Identification Of Genetic Targets For Modulation By Oligonucleotides  
; FILE REFERENCE: ISIS5026  
; CURRENT APPLICATION NUMBER: US/10/116,325  
; PRIOR FILING DATE: 2002-04-04  
; PRIOR FILING DATE: 1998-04-28  
; PRIOR APPLICATION NUMBER: 60/081,483  
; PRIOR FILING DATE: 1998-04-13  
; NUMBER OF SEQ ID NOS: 112  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 35  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: No. US2003011379A1e1 Sequence  
US-10-116-325-35

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 1.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 743 ACACCGTGTGCACCTG 758  
Db 17 ACACCATCTGCACCTG 2

RESULT 230  
US-10-388-263-35/c  
; Sequence 35, Application US/10388263  
; Publication No. US20030228597A1  
; GENERAL INFORMATION:  
; APPLICANT: Cowsert, Lex M.  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: McNeil, John

; APPLICANT: Freier, Susan M.  
; APPLICANT: Sasmor, Henri M.  
; APPLICANT: Brooks, Douglas G.  
; APPLICANT: Ohashi, Cara  
; APPLICANT: Wyatt, Jacqueline R.  
; APPLICANT: Borchers, Alexander  
; APPLICANT: Vickers, Timothy A.  
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR  
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND  
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION  
; FILE REFERENCE: ISIS-4503  
; CURRENT APPLICATION NUMBER: US/10/388,263  
; CURRENT FILING DATE: 2003-03-12  
; NUMBER OF SEQ ID NOS: 947  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 35  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-388-263-35

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 1.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 743 ACACCGTGTGCACCTG 758  
Db 17 ACACCATCTGCACCTG 2

RESULT 231  
US-10-388-263-189  
; Sequence 189, Application US/10388263  
; Publication No. US20030228597A1  
; GENERAL INFORMATION:  
; APPLICANT: Cowsert, Lex M.  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: McNeil, John  
; APPLICANT: Freier, Susan M.  
; APPLICANT: Sasmor, Henri M.  
; APPLICANT: Brooks, Douglas G.  
; APPLICANT: Ohashi, Cara  
; APPLICANT: Wyatt, Jacqueline R.  
; APPLICANT: Borchers, Alexander  
; APPLICANT: Vickers, Timothy A.  
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR  
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND  
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION  
; FILE REFERENCE: ISIS-4503  
; CURRENT APPLICATION NUMBER: US/10/388,263  
; CURRENT FILING DATE: 2003-03-12  
; NUMBER OF SEQ ID NOS: 947  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 189  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-388-263-189

Query Match 0.6%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 1.8e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 927 TTTATCCCTCCTCTTC 942  
Db 1 TTCTCTCTCTCTTC 16

RESULT 232



```
US-10-108-260A-5258/c
; Sequence 5258, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
; FILE REFERENCE: HI-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5258
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized P
US-10-108-260A-5258
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 778 AGAGAAAACGAGTGCTG 793
Db 16 AAAGAAAACGAGGCTG 1

RESULT 233
US-10-349-143-4256/c
; Sequence 4256, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4256
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-1423 for SEQ 322,
US-10-349-143-4256
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1078 CCCACTCCAGGCTTCA 1093
Db 17 CCCATCAAGGCTTCA 2

RESULT 234
US-10-349-143-9785/c
; Sequence 9785, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9785
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-7356 for SEQ 1920, in compleme
US-10-349-143-9785
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1138 TCCAGTCCACCTATA 1153
Db 17 TCCAACTCCACCTTA 2

RESULT 235
US-09-828-034-27
; Sequence 27, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-27
Query Match 0.6%; Score 12.4; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 1.2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1208 ATCAGGGGGCTGAC 1221
Db 1 AUCAGGGGGCUGGC 14

RESULT 236
US-10-356-625-20
; Sequence 20, Application US/10356625
; Publication No. US20030186290A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; TITLE OF INVENTION: THERAPEUTIC APPLICATION
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/10/356,625
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: US/09/230,652
; PRIOR FILING DATE: 1999-05-17
; PRIOR APPLICATION NUMBER: FR 96 09733
; PRIOR FILING DATE: 1996-08-01
; PRIOR APPLICATION NUMBER: FR 97 04680
; PRIOR FILING DATE: 1997-04-16
; PRIOR APPLICATION NUMBER: PCT/FR97/01433
; PRIOR FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-356-625-20

```

```

Query Match          0.6%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 1.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1080 CACTCCAGGCTTCA 1093
    ||| ||||| |||||
Db 1 CACCCAGGCTTCA 14

```

```

RESULT 237
US-10-091-281-55
; Sequence 55, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative SP1F/GC.01 motif
US-10-091-281-55

```

```

Query Match          0.6%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 1.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1019 AAGAGGGGAGCTT 1032
    ||||| ||||| |||||
Db 1 AAGAGGGGAGCTT 14

```

```

RESULT 238
US-09-504-231A-41/c
; Sequence 41, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence

```

```

; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATEI
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 41
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-41

```

```

Query Match          0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1200 ACCACCCCTATCAGG 1213
    ||||| ||||| |||||
Db 15 AGCACCCCTATCAGG 2

```

```

RESULT 239
US-09-504-231A-1538
; Sequence 1538, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATEI
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1538
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1538

```

```

Query Match          0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 1.4e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

```

QY 1200 ACCACCCCTATCAGG 1213  
| | | | | : | | | | |  
Db 2 AGCACCCUACAGG 15

## RESULT 240

US-09-504-231A-1539  
; Sequence 1539, Application US/09504231A  
; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; CURRENT FILING DATE: 2000-02-15  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1539  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-1539

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 1.4e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCCCTATCAGG 1213  
| | | | | : | | | | |  
Db 1 AGCACCCUACAGG 14

## RESULT 241

US-09-274-553D-41/c  
; Sequence 41, Application US/09274553D  
; Patent No. US20020082225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; CURRENT FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 41  
; LENGTH: 15  
; TYPE: RNA

; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-41

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 1.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCCCTATCAGG 1213  
| | | | | : | | | | |  
Db 15 AGCACCCCTATCAGG 2

## RESULT 242

US-09-274-553D-1538  
; Sequence 1538, Application US/09274553D  
; Patent No. US20020082225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; CURRENT FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1538  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-1538

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 1.4e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCCCTATCAGG 1213  
| | | | | : | | | | |  
Db 2 AGCACCCUACAGG 15

## RESULT 243

US-09-274-553D-1539  
; Sequence 1539, Application US/09274553D  
; Patent No. US20020082225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; CURRENT FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18

; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1539  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-1539

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 1.4e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACACCTATCAGG 1213  
| | | | | : | | | | |  
Db 1 AGCACCUAUCAGG 14

RESULT 244  
US-09-848-754A-9175  
; Sequence 9175, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors  
; FILE REFERENCE: MBH00-958-1 (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 9175  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid  
US-09-848-754A-9175

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 1.4e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1026 GGACCTTGAGGAA 1039  
| | | : | | | | | |  
Db 2 GGAUCUUGAAGGAA 15

RESULT 245  
US-09-848-754A-9213/C  
; Sequence 9213, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors  
; FILE REFERENCE: MBH00-958-1 (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 9213  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid  
US-09-848-754A-9213

Query Match 0.6%; Score 12.4; DB 1; Length 15;

Best Local Similarity 92.9%; Pred. No. 1.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 AGGCCTAGGAG 876  
| | | | | | | | | |  
Db 15 AGGCAATGAGGAC 2

RESULT 246  
US-09-996-292A-40  
; Sequence 40, Application US/09996292A  
; Publication No. US20030158403A1  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Maier, Martin A.  
; APPLICANT: Prakash, Thazha P.  
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides  
; FILE REFERENCE: ISIS-4804  
; CURRENT APPLICATION NUMBER: US/09/996,292A  
; CURRENT FILING DATE: 2001-09-28  
; NUMBER OF SEQ ID NOS: 55  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 40  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Completely synthetic sequence  
US-09-996-292A-40

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 1.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAGAGGGGAG 1029  
| | | | | | | | | |  
Db 1 AAAAGAGGGGAG 14

RESULT 247  
US-10-152-123-21  
; Sequence 21, Application US/10152123  
; Publication No. US20030072712A1  
; GENERAL INFORMATION:  
; APPLICANT: Lin, Kuei-Ying  
; APPLICANT: Matteucci, Mark D.  
; TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners  
; FILE REFERENCE: GLIS0127  
; CURRENT APPLICATION NUMBER: US/10/152,123  
; CURRENT FILING DATE: 2002-05-21  
; PRIOR APPLICATION NUMBER: US/09/400,502  
; PRIOR FILING DATE: 1999-09-21  
; PRIOR APPLICATION NUMBER: 08/966,392  
; PRIOR FILING DATE: 1997-11-07  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 21  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: No. US20030072712A1 Sequence  
US-10-152-123-21

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 1.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAGAGGGGAG 1029  
| | | | | | | | | |  
Db 1 AAAAGAGGGGAG 14

```
RESULT 248
US-10-152-123-22
; Sequence 22, Application US/10152123
; Publication No. US20030072712A1
; GENERAL INFORMATION:
; APPLICANT: Lin, Kuei-Ying
; TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners
; FILE REFERENCE: GLIS0127
; CURRENT APPLICATION NUMBER: US/10/152,123
; CURRENT FILING DATE: 2002-05-21
; PRIOR APPLICATION NUMBER: US/09/400,502
; PRIOR FILING DATE: 1999-09-21
; PRIOR APPLICATION NUMBER: 08/966,392
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 22
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030072712A1el Sequence
US-10-152-123-22

Query Match          0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGGGGAG 14

RESULT 249
US-10-287-919-255/c
; Sequence 255, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 255
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (73740)...(73754)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 304
US-10-287-919-255

Query Match          0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 769 TTCTTCTTAAGAGA 782
Db 15 TTCTTCTTAAGAAA 2

RESULT 250
US-10-287-919-1518
; Sequence 1518, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
```

```
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1518
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (810217)...(810230)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1914
US-10-287-919-1518

Query Match          0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 918 TCTTTGCCCTTTTAT 931
Db 1 TCTTTGCCCTTTTAT 14

RESULT 251
US-10-171-270-1/c
; Sequence 1, Application US/10171270
; Publication No. US20030120065A1
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian C.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides
; FILE REFERENCE: GLIS0142
; CURRENT APPLICATION NUMBER: US/10/171,270
; CURRENT FILING DATE: 2002-06-13
; PRIOR APPLICATION NUMBER: US/09/717,422
; PRIOR FILING DATE: 2000-11-21
; PRIOR APPLICATION NUMBER: 08/906,378
; PRIOR FILING DATE: 1997-08-05
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030120065A1el Sequence
US-10-171-270-1

Query Match          0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGGGGAG 2

RESULT 252
US-10-013-295-40
; Sequence 40, Application US/10013295
; Publication No. US20030175906A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS4948
; CURRENT APPLICATION NUMBER: US/10/013,295
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: 60/302,682
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 40
; LENGTH: 15
```

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: No. US20030175906A1el Sequence  
US-10-013-295-40

Query Match 0.6%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 1.4e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029  
|||||  
Db 1 AAAAAGAGGGGAG 14

## RESULT 253

US-09-780-533A-2379  
; Sequence 2379, Application US/09780533A  
; Publication No. US20030060611A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Chowrira, Bharat  
; APPLICANT: Haeblerli, Pete  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene  
; FILE REFERENCE: MBH00,878-A (400/011)  
; CURRENT APPLICATION NUMBER: US/09/780,533A  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 6679  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2379  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-533A-2379

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 2e+02;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1506 GCTGGAGCTGCTGG 1519  
||:||||:|:  
Db 3 GCUGGAGGUGGUGG 16

## RESULT 254

US-09-866-108-975  
; Sequence 975, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 975  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-975

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1057 GCCCACAACCCAAAG 1070  
|||||  
Db 1 GCCCACAACCCAAAG 14

## RESULT 255

US-09-866-108-8355/c  
; Sequence 8355, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663

```
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 8355
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8355
```

```
Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1137 CTCGAGCTCCACCT 1150
DB 17 CTCGAGCTCCTCCT 4
```

```
RESULT 256
US-09-866-108-8356/c
; Sequence 8356, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
```

```
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 8356
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8356
```

```
Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1137 CTCGAGCTCCACCT 1150
DB 16 CTCGAGCTCCTCCT 3
```

```
RESULT 257
US-09-866-108-8357/c
; Sequence 8357, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 8357
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8357
```

```
Query Match 0.6%; Score 12.4; DB 1; Length 17;
```

Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1137 CTCAGCTCCACCT 1150  
Db 15 CTCAGCTCTCCT 2

## RESULT 258

US-09-866-108-8358/c  
; Sequence 8358, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: ABOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 8358  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-8358

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1137 CTCAGCTCCACCT 1150  
Db 14 CTCAGCTCTCCT 1

## RESULT 259

US-09-928-412-4

; Sequence 4, Application US/09928412  
; Patent No. US20020123623A1  
; GENERAL INFORMATION:  
; APPLICANT: KAWAOKA, Akiyoshi  
; APPLICANT: EBINUMA, Hiroyasu  
; TITLE OF INVENTION: TRANSCRIPTION FACTOR CONTROLLING PHENYLPROPANOID  
; FILE REFERENCE: 4859-0027-0  
; CURRENT APPLICATION NUMBER: US/09/928,412  
; CURRENT FILING DATE: 2001-08-14  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/282,146  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: JP 10-125171  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-31  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
US-09-928-412-4

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1257 CCCCACCCCTTC 1270  
Db 4 CACCAACCCCTTC 17

## RESULT 260

US-09-135-238B-27/c  
; Sequence 27, Application US/09135238B  
; Patent No. US20020177565A1  
; GENERAL INFORMATION:  
; APPLICANT: No. US20020177565Alan, Garry P.  
; APPLICANT: Hitoshi, Yasumichi  
; TITLE OF INVENTION: TOSO  
; FILE REFERENCE: A65635-1/DJB/RMS  
; CURRENT APPLICATION NUMBER: US/09/135,238B  
; CURRENT FILING DATE: 1998-08-17  
; PRIOR APPLICATION NUMBER: 60/066,063  
; PRIOR FILING DATE: 1997-11-17  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 27  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-135-238B-27

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACCC 1266  
Db 16 CTATCCCCAACCC 3

## RESULT 261

US-09-864-785-76  
; Sequence 76, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken



```
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 76
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-76

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1087 GGCTTCACCCCCAC 1100
Db 1 GGCCUCACCCCCAC 14

RESULT 262
US-09-864-785-660/c
; Sequence 660, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 660
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-660

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 887 CAGTCTGTGTGCC 900
Db 15 CAGTCTGTGTGCC 2

RESULT 263
US-09-864-785-1689/c
; Sequence 1689, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
```

```
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1689
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1689

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 887 CAGTCTGTGTGCC 900
Db 14 CAGTCTGTGTGCC 1

RESULT 264
US-09-864-785-2108/c
; Sequence 2108, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2108
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-2108

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1085 CAGGCTTACCCCC 1098
Db 15 CAGGCTTACCCCC 2

RESULT 265
US-09-864-785-2140/c
; Sequence 2140, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2140
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
```

US-09-864-785-2140

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 887 CAGTGTCTTGTGCC 900  
| | | | | | | | | | | | | | | | |  
Db 17 CAGTGTCTTGTGCAC 4

RESULT 266

US-09-864-785-2888/c  
; Sequence 2888, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken  
; APPLICANT: McSwigen, Jim  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; TITLE OF INVENTION: Levels of NF-kappa B  
; FILE REFERENCE: 400/022 (MBHB00-812-D)  
; CURRENT APPLICATION NUMBER: US/09/864,785  
; CURRENT FILING DATE: 2001-05-23  
; NUMBER OF SEQ ID NOS: 3929  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 2888  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-2888

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1085 CAGGCTTCACCCCC 1098  
| | | | | | | | | | | | | | | | |  
Db 16 CAGGCGTCACCCCC 3

RESULT 267

US-09-825-805-400  
; Sequence 400, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
; FILE REFERENCE: MBHB00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866

; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 400  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-400

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 2e+02;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 978 CAAGCTCTACTCCA 991  
| | | | | | | | | | | | | | | | |  
Db 1 CAAGCUCUGCUCCA 14

RESULT 268

US-09-825-805-838  
; Sequence 838, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
; FILE REFERENCE: MBHB00-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 838  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-838

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.8%; Pred. No. 2e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1257 CCCCAACCCCTTC 1270  
| | | | | | | | | | | | | | | | |  
Db 4 CCCACGCCCCCUUC 17

RESULT 269

US-09-961-077-222/c  
; Sequence 222, Application US/09961077  
; Publication No. US20030014775A1  
; GENERAL INFORMATION:  
; APPLICANT: Zwick, Michael G.  
; Edington, Brent B.  
; McSwigen, James A.

Merlo, Patricia Ann Owens  
Guo, Lining  
Skokut, Thomas A.  
Young, Scott A.  
Folkerts, Otto  
Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
MODULATION OF GENE EXPRESSION  
IN PLANTS

NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
storage

COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/961,077  
FILING DATE: 21-Sep-2001  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/679,645  
FILING DATE: July 12, 1996

APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 222:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 222:  
US-09-961-077-222

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1241 TCGCCTCGACCCC 1254  
|||||  
Db 17 TCGCCTCGACCCC 4

RESULT 270  
US-09-784-674-40

Sequence 40, Application US/09784674  
Publication No. US20030054346A1  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
Wolber, Paul K.  
Delenstarr, Glenda C.  
Webb, Peter G.  
Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide  
probe sequences

NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard  
Company M/S 2080  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,674  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: No. US20030054346A1 available

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/021,701  
FILING DATE: 10-FEB-1998

ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1

TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063

INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO

SEQUENCE DESCRIPTION: SEQ ID NO: 40:  
US-09-784-674-40

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1125 TTCACCTTCACCT 1138  
|||||  
Db 4 TTCACCTTCACCT 17

RESULT 271  
US-09-784-674-41

Sequence 41, Application US/09784674  
Publication No. US20030054346A1  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
Wolber, Paul K.  
Delenstarr, Glenda C.  
Webb, Peter G.  
Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide  
probe sequences

NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard  
Company M/S 2080  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,674  
FILING DATE: 15-FEB-2001  
CLASSIFICATION: No. US20030054346A1 available  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/021,701  
FILING DATE: 10-FEB-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 41:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 41:  
US-09-784-674-41

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1125 TTCACCTTCACCT 1138  
|||||  
DB 3 TTCACATTCACCT 16

## RESULT 272

US-09-784-674-42  
Sequence 42, Application US/09784674  
Publication No. US20030054346A1  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
Wolber, Paul K.  
Delenstarr, Glenda C.  
Webb, Peter G.  
Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide  
probe sequences

NUMBER OF SEQUENCES: 1165

CORRESPONDENCE ADDRESS:

ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard  
Company M/S 20B0  
STREET: 3000 Hanover Street  
CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/784,674

FILING DATE: 15-FEB-2001

CLASSIFICATION: No. US20030054346A1 available

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/021,701

FILING DATE: 10-FEB-1998

ATTORNEY/AGENT INFORMATION:

NAME: Choi, Wendy A.

REGISTRATION NUMBER: 36,697

REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 42:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 42:  
US-09-784-674-42

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1125 TTCACCTTCACCT 1138  
|||||  
DB 2 TTCACATTCACCT 15

## RESULT 273

US-09-784-674-43

Sequence 43, Application US/09784674

Publication No. US20030054346A1

GENERAL INFORMATION:

APPLICANT: Shannon, Karen W.

Wolber, Paul K.

Delenstarr, Glenda C.

Webb, Peter G.

Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide  
probe sequences

NUMBER OF SEQUENCES: 1165

CORRESPONDENCE ADDRESS:

ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard  
Company M/S 20B0  
STREET: 3000 Hanover Street  
CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/784,674

FILING DATE: 15-FEB-2001

CLASSIFICATION: No. US20030054346A1 available

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/021,701

FILING DATE: 10-FEB-1998

ATTORNEY/AGENT INFORMATION:

NAME: Choi, Wendy A.

REGISTRATION NUMBER: 36,697

REFERENCE/DOCKET NUMBER: 10971464-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-236-2386

TELEFAX: 650-852-8063

INFORMATION FOR SEQ ID NO: 43:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: CDNA

HYPOTHETICAL: NO

```
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 43:
US-09-784-674-43

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACT 1138
Db 1 TTCCACCTTCACT 14

RESULT 274
US-09-780-533A-748
; Sequence 748, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00.878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 748
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-748

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 95.7%; Pred. No. 2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1254 CATCCCCAACCC 1267
Db 4 CCUCCCCAACCC 17

RESULT 275
US-09-780-533A-749
; Sequence 749, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00.878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 749
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-749

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1079 CCATCCAGGCTTC 1092
Db 16 CCATCCAGTCTTC 3

RESULT 278
```

```
QY 1254 CATCCCCAACCC 1267
Db 3 CCUCCCCAACCC 16

RESULT 276
US-09-780-533A-750
; Sequence 750, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00.878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 750
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-750

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1254 CATCCCCAACCC 1267
Db 2 CCUCCCCAACCC 15

RESULT 277
US-09-780-533A-1399/c
; Sequence 1399, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00.878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1399
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1399

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1079 CCATCCAGGCTTC 1092
Db 16 CCATCCAGTCTTC 3

RESULT 278
```

; APPLICANT: McSwiggen, Jim

## RESULT 282

```
US-09-877-478-677
; Sequence 677, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 1992-05-14
; PRIOR FILING DATE: 1992-05-14
; PRIOR FILING DATE: 1992-05-14
; PRIOR FILING DATE: 2000-03-20
; PRIOR FILING DATE: 2000-03-20
; PRIOR FILING DATE: 2000-08-09
; PRIOR FILING DATE: 2000-08-09
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 1994-02-07
; PRIOR FILING DATE: 1994-02-07
; PRIOR FILING DATE: 1993-05-04
; PRIOR FILING DATE: 1993-05-04
; PRIOR FILING DATE: 1995-05-04
; PRIOR FILING DATE: 1995-05-04
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 677
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
; US-09-877-478-677

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      1084 CCAGGCTTCACCCC 1097
Db      2 CCAGGUUACACCCC 15

RESULT 283
US-09-877-478-678
; Sequence 678, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 1992-05-14
; PRIOR FILING DATE: 2000-03-20
; PRIOR FILING DATE: 2000-08-09
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 1994-02-07
; PRIOR FILING DATE: 1994-02-07
; PRIOR FILING DATE: 1993-05-04
; PRIOR FILING DATE: 1993-05-04
; PRIOR FILING DATE: 1995-05-04
; PRIOR FILING DATE: 1995-05-04
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 678
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
; US-09-877-478-678

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      1084 CCAGGCTTCACCCC 1097
Db      2 CCAGGUUACACCCC 15

US-09-877-478-678
; Sequence 678, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 1992-05-14
; PRIOR FILING DATE: 2000-03-20
; PRIOR FILING DATE: 2000-08-09
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 1994-02-07
; PRIOR FILING DATE: 1994-02-07
; PRIOR FILING DATE: 1993-05-04
; PRIOR FILING DATE: 1993-05-04
; PRIOR FILING DATE: 1995-05-04
; PRIOR FILING DATE: 1995-05-04
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 678
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
; US-09-877-478-678
```

```
US-09-877-478-677
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 678
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
; US-09-877-478-678

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      1084 CCAGGCTTCACCCC 1097
Db      1 CCAGGUUACACCCC 14

RESULT 284
US-09-877-478-1814
; Sequence 1814, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 1992-05-14
; PRIOR FILING DATE: 1992-05-14
; PRIOR FILING DATE: 2000-03-20
; PRIOR FILING DATE: 2000-03-20
; PRIOR FILING DATE: 2000-08-09
; PRIOR FILING DATE: 2000-08-09
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 1994-02-07
; PRIOR FILING DATE: 1994-02-07
; PRIOR FILING DATE: 1993-05-04
; PRIOR FILING DATE: 1993-05-04
; PRIOR FILING DATE: 1995-05-04
; PRIOR FILING DATE: 1995-05-04
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1814
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
; US-09-877-478-1814

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      1084 CCAGGCTTCACCCC 1097
Db      4 CCAGGUUACACCCC 17

RESULT 285
US-09-877-478-2221
; Sequence 2221, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
```

```
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MHB00-945-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2221
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
; US-09-877-478-2221

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1297 CCACGAGCCTAG 1310
Db 4 CCACAGAGUCUAGA 17

RESULT 286
US-09-848-754A-60/c
; Sequence 60, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 60
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-848-754A-60

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 AGGGCACTGAGGAC 876
Db 17 AGGGCAATGAGGAC 4

RESULT 287
US-09-848-754A-926/c
; Sequence 926, Application US/09848754A
; Publication No. US20030073207A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 926
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-848-754A-926

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 AGGGCACTGAGGAC 876
Db 16 AGGGCAATGAGGAC 3

RESULT 288
US-09-848-754A-2006
; Sequence 2006, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2006
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-848-754A-2006

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1054 CTGGCCCCCAAGCC 1067
Db 4 CUGCCCCCAAGCC 17

RESULT 289
US-09-848-754A-2007
; Sequence 2007, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2007
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-848-754A-2007

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2e+02;
```



Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1054 CTGGCCCCCAACC 1067  
|:|||||  
Db 3 CUGCCCCCAACC 16

## RESULT 290

US-09-848-754A-2008  
; Sequence 2008, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors  
; FILE REFERENCE: MBH00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2008  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-2008

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 2e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1054 CTGGCCCCCAACC 1067  
|:|||||  
Db 2 CUGCCCCCAACC 15

## RESULT 291

US-09-848-754A-2009  
; Sequence 2009, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors  
; FILE REFERENCE: MBH00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2009  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-2009

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 2e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1054 CTGGCCCCCAACC 1067  
|:|||||  
Db 1 CUGCCCCCAACC 14

## RESULT 292

US-09-848-754A-3412  
; Sequence 3412, Application US/09848754A  
; Publication No. US20030073207A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors  
; FILE REFERENCE: MBH00-958-I (400/018)  
; CURRENT APPLICATION NUMBER: US/09/848,754A

; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 9645  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3412  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-848-754A-3412

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 2e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1026 GGAGCTTCAAGAA 1039  
|||:|||||  
Db 2 GGAUUCUAGAGAA 15

## RESULT 293

US-09-864-636A-814/c  
; Sequence 814, Application US/09864636A  
; Publication No. US20030104378A1  
; GENERAL INFORMATION:  
; APPLICANT: Third Wave Technologies  
; APPLICANT: Allwai, Hatim  
; APPLICANT: Bartholomay, Christian  
; APPLICANT: Chehak, LuAnne  
; TITLE OF INVENTION: Detection of RNA Sequences  
; FILE REFERENCE: FORS-04944  
; CURRENT APPLICATION NUMBER: US/09/864,636A  
; CURRENT FILING DATE: 2002-10-15  
; NUMBER OF SEQ ID NOS: 2640  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 814  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-864-636A-814

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946  
|||||  
Db 16 CCTCCTCTTCATTG 3

## RESULT 294

US-09-864-636A-820/c  
; Sequence 820, Application US/09864636A  
; Publication No. US20030104378A1  
; GENERAL INFORMATION:  
; APPLICANT: Third Wave Technologies  
; APPLICANT: Allwai, Hatim  
; APPLICANT: Bartholomay, Christian  
; APPLICANT: Chehak, LuAnne  
; TITLE OF INVENTION: Detection of RNA Sequences  
; FILE REFERENCE: FORS-04944  
; CURRENT APPLICATION NUMBER: US/09/864,636A  
; CURRENT FILING DATE: 2002-10-15  
; NUMBER OF SEQ ID NOS: 2640  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 820  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-864-636A-820

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946  
|||||  
Db 16 CCTCCTCTTCATTG 3

## RESULT 295

US-09-740-332-4490  
; Sequence 4490, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4490  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-4490

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 2e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCTATCAGG 1213  
|||||  
Db 1 AGCACCUAUCAGG 14

## RESULT 296

US-09-817-879-4490  
; Sequence 4490, Application US/09817879  
; Publication No. US2003017131A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: MBH00-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4490  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-4490

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 78.6%; Pred. No. 2e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCTATCAGG 1213  
|||||  
Db 1 AGCACCUAUCAGG 14

## RESULT 297

US-09-864-426A-814/c  
; Sequence 814, Application US/09864426A  
; Publication No. US20040018489A1  
; GENERAL INFORMATION:  
; APPLICANT: Third Wave Technologies  
; APPLICANT: Ma, Wu Po  
; APPLICANT: Lyamichev, Victor  
; APPLICANT: Saiser, Michael  
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences  
; FILE REFERENCE: FORS-04946  
; CURRENT APPLICATION NUMBER: US/09/864,426A  
; CURRENT FILING DATE: 2001-05-24  
; NUMBER OF SEQ ID NOS: 2640  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 814  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-864-426A-814

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946  
|||||  
Db 16 CCTCCTCTTCATTG 3

## RESULT 298

US-09-864-426A-820/c  
; Sequence 820, Application US/09864426A  
; Publication No. US20040018489A1  
; GENERAL INFORMATION:  
; APPLICANT: Third Wave Technologies  
; APPLICANT: Ma, Wu Po  
; APPLICANT: Lyamichev, Victor  
; APPLICANT: Saiser, Michael  
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences  
; FILE REFERENCE: FORS-04946  
; CURRENT APPLICATION NUMBER: US/09/864,426A  
; CURRENT FILING DATE: 2001-05-24  
; NUMBER OF SEQ ID NOS: 2640  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 820  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-864-426A-820

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946  
|||||  
Db 16 CCTCCTCTTCATTG 3

## RESULT 299

US-10-060-830-202  
; Sequence 202, Application US/10060830  
; Publication No. US20030032154A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Nguyen, Cung-Tuong  
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN  
; FILE REFERENCE: PB0169

;/ CURRENT APPLICATION NUMBER: US/10/060,830  
;/ CURRENT FILING DATE: 2002-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00667  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00664  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00669  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00665  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00668  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00663  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: US 09/864,761  
;/ PRIOR FILING DATE: 2001-05-23  
;/ PRIOR APPLICATION NUMBER: US 60/325,062  
;/ PRIOR FILING DATE: 2001-03-25  
;/ NUMBER OF SEQ ID NOS: 1123  
;/ SOFTWARE: Acomica Sequence Listing Engine  
;/ SEQ ID NO 202  
;/ LENGTH: 17  
;/ TYPE: DNA  
;/ ORGANISM: Homo sapiens  
US-10-060-830-202

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 879 AGGCACACAGTGC 892  
||| |||||  
DB 4 AGTCACACAGTGC 17

RESULT 300  
US-10-060-756A-1256/c  
;/ Sequence 1256, Application US/10060756A  
;/ Publication No. US20030046717A1  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Zhang, Jian  
;/ TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN  
;/ FILE REFERENCE: PB0177  
;/ CURRENT APPLICATION NUMBER: US/10/060,756A  
;/ CURRENT FILING DATE: 2002-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00667  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00664  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00669  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00665  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00668  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00663  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: US 09/864,761  
;/ PRIOR FILING DATE: 2001-05-23  
;/ PRIOR APPLICATION NUMBER: US 60/327,898  
;/ PRIOR FILING DATE: 2001-10-09  
;/ NUMBER OF SEQ ID NOS: 4804  
;/ SOFTWARE: Acomica Sequence Listing Engine  
;/ SEQ ID NO 1256  
;/ LENGTH: 17  
;/ TYPE: DNA  
;/ ORGANISM: Homo sapiens  
US-10-060-756A-1256

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 727 TGCCAGGAGAAACA 740  
||| |||||  
DB 15 TGCCAGGTGAACA 2

RESULT 301  
US-10-060-756A-1257/c  
;/ Sequence 1257, Application US/10060756A  
;/ Publication No. US20030046717A1  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Zhang, Jian  
;/ TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN  
;/ FILE REFERENCE: PB0177  
;/ CURRENT APPLICATION NUMBER: US/10/060,756A  
;/ CURRENT FILING DATE: 2002-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00667  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00664  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00669  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00665  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00668  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00663  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: US 09/864,761  
;/ PRIOR FILING DATE: 2001-05-23  
;/ PRIOR APPLICATION NUMBER: US 60/327,898  
;/ PRIOR FILING DATE: 2001-10-09  
;/ NUMBER OF SEQ ID NOS: 4804  
;/ SOFTWARE: Acomica Sequence Listing Engine  
;/ SEQ ID NO 1257  
;/ LENGTH: 17  
;/ TYPE: DNA  
;/ ORGANISM: Homo sapiens  
US-10-060-756A-1257

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 727 TGCCAGGAGAAACA 740  
||| |||||  
DB 14 TGCCAGGTGAACA 1

RESULT 302  
US-10-060-756A-4343/c  
;/ Sequence 4343, Application US/10060756A  
;/ Publication No. US20030046717A1  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Zhang, Jian  
;/ TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN  
;/ FILE REFERENCE: PB0177  
;/ CURRENT APPLICATION NUMBER: US/10/060,756A  
;/ CURRENT FILING DATE: 2002-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00667  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00664  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00669  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00665  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00668  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: PCT/US01/00663  
;/ PRIOR FILING DATE: 2001-01-30  
;/ PRIOR APPLICATION NUMBER: US 09/864,761  
;/ PRIOR FILING DATE: 2001-05-23  
;/ PRIOR APPLICATION NUMBER: US 60/327,898

; PRIOR FILING DATE: 2001-10-09  
; NUMBER OF SEQ ID NOS: 4804  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 4343  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-756A-4343

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 914 TTGTCCTTTGCTT 927  
DB 15 TTGTCCTTTGACTT 2

## RESULT 303

US-10-060-756A-4344/c  
; Sequence 4344, Application US/10060756A  
; Publication No. US20030046717A1  
; GENERAL INFORMATION:  
; APPLICANT: Zhang, Jian  
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN  
; FILE REFERENCE: PB0177  
; CURRENT APPLICATION NUMBER: US/10/060,756A  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/327,898  
; PRIOR FILING DATE: 2001-10-09  
; NUMBER OF SEQ ID NOS: 4804  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 4344  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-756A-4344

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 914 TTGTCCTTTGCTT 927  
DB 14 TTGTCCTTTGACTT 1

## RESULT 304

US-10-060-998-311/c  
; Sequence 311, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006666  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 311  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-311

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1122 CAGTTCACCTTCA 1135  
DB 17 CAGTTCACCTTCA 4

## RESULT 305

US-10-060-998-312/c  
; Sequence 312, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 312  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-312

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1122 CAGTTCACCTTCA 1135  
DB 16 CAGTTCACCTTCA 3

## RESULT 306

US-10-060-998-313/c  
; Sequence 313, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 313



; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5186  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-5186

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1049 AGCCCTGGCCCCA 1062  
Db 16 AGCCCCAGGCCCA 3

## RESULT 312

US-10-156-306-5187/c  
; Sequence 5187, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: McSwiggen, James  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Level 1;  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5187  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-5187

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1049 AGCCCTGGCCCCA 1062  
Db 15 AGCCCCAGGCCCA 2

## RESULT 313

US-10-156-306-7112/c  
; Sequence 7112, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Level 1;  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10/156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 7112  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-7112

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1049 AGCCCTGGCCCCA 1062  
Db 14 AGCCCCAGGCCCA 1

## RESULT 314

US-10-238-700-2963  
; Sequence 2963, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level 1;  
; FILE REFERENCE: 400/057 (MBH01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2963  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-2963

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 2e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1231 GCGACAGCCCTCGC 1244  
Db 3 GCGACAGCCCUCC 16

## RESULT 315

US-10-238-700-3297/c  
; Sequence 3297, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level 1;  
; FILE REFERENCE: 400/057 (MBH01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3297  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-3297

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 GCTCCCGCAGAGA 1193  
Db 17 GCTCCCGCAGAGA 4

## RESULT 316

US-10-238-700-3351  
; Sequence 3351, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James

```

; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MH001-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 3351
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3351

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 819 CCTGGAGTGCACGA 832
Db 3 CCUGGAGUGGACGA 16

RESULT 317
US-10-084-839-814/c
; Sequence 814, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 814
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-820

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
Db 16 CCTCCTCTTCATTG 3

RESULT 319
US-09-780-533A-1807
; Sequence 1807, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MH000,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
```

; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1807  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-533A-1807

Query Match 0.6%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 2e+02;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1506 GCTGGAGCTGCTGG 1519  
||:||||:||||  
Db 2 GCUGAGGUGCUGG 15

RESULT 320  
US-10-303-109A-30/c  
; Sequence 30, Application US/10303109A  
; Publication No. US20030194726A1  
; GENERAL INFORMATION:  
; APPLICANT: BOLCHAKOVA, Elena  
; APPLICANT: ROZZELLE, James  
; TITLE OF INVENTION: Thermus Oshimai Nucleic Acid Polymerases  
; FILE REFERENCE: 4777US  
; CURRENT APPLICATION NUMBER: US/10/303.109A  
; CURRENT FILING DATE: 2002-11-22  
; PRIOR APPLICATION NUMBER: US 60/334,798  
; PRIOR FILING DATE: 2001-11-30  
; NUMBER OF SEQ ID NOS: 39  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 30  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Thermus oshimai  
US-10-303-109A-30

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 301 CTGGAGCTGTGGTGGG 317  
|||||:|||||  
Db 17 CTGGAGTGGAGGTGGG 1

RESULT 321  
US-10-302-817A-51/c  
; Sequence 51, Application US/10302817A  
; Publication No. US20030198978A1  
; GENERAL INFORMATION:  
; APPLICANT: ROZZELLE, James  
; APPLICANT: BOLCHAKOVA, Elena  
; TITLE OF INVENTION: THERMUS BROCKIANUS NUCLEIC ACID POLYMERASES  
; FILE REFERENCE: 4768US  
; CURRENT APPLICATION NUMBER: US/10/302,817A  
; CURRENT FILING DATE: 2002-11-22  
; PRIOR APPLICATION NUMBER: 60/334,434  
; PRIOR FILING DATE: 2001-11-30  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 51  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Thermus brockianus  
US-10-302-817A-51

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 301 CTGGAGCTGTGGTGGG 317  
|||||:|||||

Db 17 CTGGAGTGGAGGTGGG 1

RESULT 322  
US-09-866-108-308  
; Sequence 308, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 308  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-308

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1013 CTGAAAAGAGGGGAG 1029  
|||||:|||||  
Db 1 CTGAAAAGAGGGCCAG 17

RESULT 323  
US-09-866-108-1180  
; Sequence 1180, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang



/ APPLICANT: PENN, Sharron G.  
 / APPLICANT: HANZEL, David K.  
 / APPLICANT: RANK, David R.  
 / APPLICANT: CHEN, Wensheng  
 / APPLICANT: SHANNON, Mark  
 / TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 / FILE REFERENCE: AEOMICA-7  
 / CURRENT APPLICATION NUMBER: US/09/866,108  
 / CURRENT FILING DATE: 2001-05-25  
 / PRIOR APPLICATION NUMBER: US 60/207,456  
 / PRIOR FILING DATE: 2000-05-26  
 / PRIOR APPLICATION NUMBER: GB 24263.6  
 / PRIOR FILING DATE: 2000-10-04  
 / PRIOR APPLICATION NUMBER: US 60/236,359  
 / PRIOR FILING DATE: 2000-09-27  
 / PRIOR APPLICATION NUMBER: PCT/US01/006666  
 / PRIOR FILING DATE: 2001-01-30  
 / PRIOR APPLICATION NUMBER: PCT/US01/006667  
 / PRIOR FILING DATE: 2001-01-30  
 / PRIOR APPLICATION NUMBER: PCT/US01/006664  
 / PRIOR FILING DATE: 2001-01-30  
 / PRIOR APPLICATION NUMBER: PCT/US01/006669  
 / PRIOR FILING DATE: 2001-01-30  
 / PRIOR APPLICATION NUMBER: PCT/US01/006665  
 / PRIOR FILING DATE: 2001-01-30  
 / PRIOR APPLICATION NUMBER: PCT/US01/006668  
 / PRIOR FILING DATE: 2001-01-30  
 / PRIOR APPLICATION NUMBER: PCT/US01/006663  
 / PRIOR FILING DATE: 2001-01-30  
 / PRIOR APPLICATION NUMBER: PCT/US01/006662  
 / PRIOR FILING DATE: 2001-01-30  
 / PRIOR APPLICATION NUMBER: PCT/US01/006661  
 / PRIOR FILING DATE: 2001-01-30  
 / PRIOR APPLICATION NUMBER: PCT/US01/006670  
 / PRIOR FILING DATE: 2001-01-30  
 / PRIOR APPLICATION NUMBER: US 60/234,687  
 / PRIOR FILING DATE: 2000-09-21  
 / PRIOR APPLICATION NUMBER: US 60/266,860  
 / PRIOR FILING DATE: 2001-02-05  
 / NUMBER OF SEQ ID NOS: 15752  
 / SOFTWARE: Aecmica Sequence Listing Engine  
 / SEQ ID NO 1180  
 / LENGTH: 17  
 / TYPE: DNA  
 / ORGANISM: Homo sapiens  
 / US-09-866-108-1180

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps

QY 1015 GAAAGAGAGCGGAGCT 1031  
 Db 1 GACAAAGAGGGGTGCT 17

RESULT 324  
 US-09-866-108-2033/c  
 / Sequence 2033, Application US/09866108  
 / Patent No. US2002004800A1  
 / GENERAL INFORMATION:  
 / APPLICANT: GU, Yizhong  
 / APPLICANT: JI, Yonggang  
 / APPLICANT: PENN, Sharron G.  
 / APPLICANT: HANZEL, David K.  
 / APPLICANT: RANK, David R.  
 / APPLICANT: CHEN, Wensheng  
 / APPLICANT: SHANNON, Mark  
 / TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 / FILE REFERENCE: AEOMICA-7  
 / CURRENT APPLICATION NUMBER: US/09/866,108  
 / CURRENT FILING DATE: 2001-05-25  
 / PRIOR APPLICATION NUMBER: US 60/207,456

Tue Mar 2 06:29:59 2004

PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Acomica Sequence Listing Engine  
SEQ ID NO 2034  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-2034

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 749 TGTGCACCTGCGATGCA 765  
DB 17 TGGGCACTTCTCTGCA 1

RESULT 326  
US-09-866-108-2680/c  
Sequence 2680, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: ACOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Acomica Sequence Listing Engine  
SEQ ID NO 2680  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-2680

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1172 ACTTGGGCTCCCGC 1188  
DB 17 ACTTGCAGGCCCGC 1

RESULT 327  
US-09-866-108-6062/c  
Sequence 6062, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: ACOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14: Conservative 0; Mismatches 3; Indels

RESULT 330  
US-09-866-108-10588/c  
; Sequence 10588, Application US/09866108  
; Patent No. US20020048800A1

GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIORITY APPLICATION NUMBER: US 60/207,456  
PRIORITY FILING DATE: 2000-05-26  
PRIORITY APPLICATION NUMBER: GB 24263.6  
PRIORITY FILING DATE: 2000-10-04  
PRIORITY APPLICATION NUMBER: US 60/236,359  
PRIORITY FILING DATE: 2000-09-27  
PRIORITY APPLICATION NUMBER: PCT/US01/00666  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00667  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00664  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00669  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00665  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00668  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00663  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00662  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00661  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: PCT/US01/00670  
PRIORITY FILING DATE: 2001-01-30  
PRIORITY APPLICATION NUMBER: US 60/234,687  
PRIORITY FILING DATE: 2000-09-21  
PRIORITY APPLICATION NUMBER: US 60/266,860  
PRIORITY FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Acomica Sequence Listing Engine  
SEQ ID NO 10588  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-10588

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1022 AGGGGAGCTTCAAGGA 1038  
DB 17 AAGGGAGCTTCAAGGA 1

RESULT 331  
US-09-998-467  
Sequence 467, Application US/09827998  
Patent No. US2002010225A1  
GENERAL INFORMATION:  
APPLICANT: Gu, Yizhong  
APPLICANT: Shannon, Mark  
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
FILE REFERENCE: MDMORF-8  
CURRENT APPLICATION NUMBER: US/09/827,998  
CURRENT FILING DATE: 2001-04-06  
PRIORITY APPLICATION NUMBER: US 60/207,456  
PRIORITY FILING DATE: 2000-05-26  
PRIORITY APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27  
NUMBER OF SEQ ID NOS: 1881  
SOFTWARE: Acomica Sequence Listing Engine  
SEQ ID NO 467  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-827-998-467

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1013 CTGAAAAAGAGGGGAG 1029  
DB 1 CTGAGAGAGAGGGGGG 17

RESULT 332  
US-09-864-785-336  
Sequence 336, Application US/09864785  
Patent No. US20020177568A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Draper, Ken  
APPLICANT: McSwiggen, Jim  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
TITLE OF INVENTION: Levels of NF-kappa B  
FILE REFERENCE: 400/022 (MBRH00-812-D)  
CURRENT APPLICATION NUMBER: US/09/864,785  
CURRENT FILING DATE: 2001-05-23  
NUMBER OF SEQ ID NOS: 3929  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 336  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-336

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 2.3e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1082 CTCGAGGCTTCACCCC 1098  
DB 1 CCCGAGGCTTCACCCC 17

RESULT 333  
US-09-864-785-389  
Sequence 389, Application US/09864785  
Patent No. US20020177568A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Draper, Ken  
APPLICANT: McSwiggen, Jim  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
TITLE OF INVENTION: Levels of NF-kappa B  
FILE REFERENCE: 400/022 (MBRH00-812-D)  
CURRENT APPLICATION NUMBER: US/09/864,785  
CURRENT FILING DATE: 2001-05-23  
NUMBER OF SEQ ID NOS: 3929  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 389  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-864-785-389

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 2.3e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1051 CCCCTGGCCCAACCC 1067

Db 1 CACCGCCCCCAAGCCC 17

## RESULT 334

US-09-825-805-520  
; Sequence 520, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
; FILE REFERENCE: MBH800-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-11-05  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 520  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-520

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 52.9%; Pred. No. 2.3e+02;  
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 785 ACCAGTGCTGCTCTGT 801

Db 1 ACCAGUGUGGCGCUGU 17

## RESULT 335

US-09-825-805-873/c  
; Sequence 873, Application US/09825805  
; Publication No. US20030004122A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
; FILE REFERENCE: MBH800-831-F (400/009)  
; CURRENT APPLICATION NUMBER: US/09/825,805

; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: 09/578,223  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 09/476,387  
; PRIOR FILING DATE: 1999-12-30  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1558  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 873  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-825-805-873

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 884 CCACAGTCTGTGCCCC 900

Db 17 CCCAGTCTGTCTCTC 1

## RESULT 336

US-09-870-002-27  
; Sequence 27, Application US/09870002  
; Publication No. US20030013670A1  
; GENERAL INFORMATION:  
; APPLICANT: Monia, B.P., Cowsett, L.M. and Manoharan, M.  
; TITLE OF INVENTION: Antisense Oligonucleotide Inhibition of ras  
; NUMBER OF SEQUENCES: 55  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM COMPATIBLE  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.1 for WINDOWS  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/870,002  
; FILING DATE: 30-May-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/575,554  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0463  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (856) 810-1515  
; TELEFAX: (856) 810-1454  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes

```

; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-870-002-27
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1131 CTTCACTCAGCTCCA 1147
DB 1 CTACGCCACCACTCCA 17

RESULT 337
US-09-756-830A-2
; Sequence 2, Application US/09756830A
; Publication No. US20030049616A1
; GENERAL INFORMATION:
; APPLICANT: Brenner, Sydney
; APPLICANT: Williams, Steven R.
; TITLE OF INVENTION: Enzymatic Synthesis of Oligonucleotide
; TITLE OF INVENTION: Tags
; FILE REFERENCE: 5525-0046.30
; CURRENT APPLICATION NUMBER: US/09/756,830A
; CURRENT FILING DATE: 2001-01-08
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-756-830A-2

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1007 CGACACCTGAAAGAG 1023
DB 1 CGACACCTGCAGAGGAG 17

RESULT 338
US-09-730-289B-1071
; Sequence 1071, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBH00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1071
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-1071

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 805 AACTGTAGAAAGCCT 821
DB 1 AGCUAUAAGAGGCCU 17

RESULT 339
US-09-818-875-3630
; Sequence 3630, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Camper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3630
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3630

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1142 GCTCCACCTATACCCC 1158
DB 1 GCTCCACCTGCATCCCC 17

RESULT 340
US-09-818-875-3631/c
; Sequence 3631, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Camper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3631
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3631

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1142 GCTCCACCTATACCCC 1158
```

Db 17 GCTCCACCTGCATCCCC 1

## RESULT 341

US-09-780-533A-1807/c  
; Sequence 1807, Application US/09780533A  
; Publication No. US20030060611A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Chowli, Bharat  
; APPLICANT: Haeberli, Pete  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene  
; FILE REFERENCE: MBH00.878-A (400/011)  
; CURRENT APPLICATION NUMBER: US/09/780,533A  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 6679  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1807  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-533A-1807

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGCT 1144  
Db 17 CTCACGACCTCCAGCT 1

## RESULT 342

US-09-877-478-397/c  
; Sequence 397, Application US/09877478  
; Publication No. US20030068301A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Morrissey, Dave  
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
; FILE REFERENCE: MBH00-845-H (400/029)  
; CURRENT APPLICATION NUMBER: US/09/877,478  
; CURRENT FILING DATE: 2001-12-31  
; PRIOR APPLICATION NUMBER: US 07/882,712  
; PRIOR FILING DATE: 1992-05-14  
; PRIOR APPLICATION NUMBER: US 09/531,025  
; PRIOR FILING DATE: 2000-03-20  
; PRIOR APPLICATION NUMBER: US 09/636,385  
; PRIOR FILING DATE: 2000-08-09  
; PRIOR APPLICATION NUMBER: US 09/696,347  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 08/193,627  
; PRIOR FILING DATE: 1994-02-07  
; PRIOR APPLICATION NUMBER: US 08/433,993  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 08/434,504  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 09/436,430  
; PRIOR FILING DATE: 1999-11-08  
; NUMBER OF SEQ ID NOS: 6586  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 397  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Hepatitis B virus

US-09-877-478-397

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 828 CACGAAGTTGCTCTAC 844  
Db 17 CACCAATTATGCTCTAC 1

## RESULT 343

US-09-877-478-1387  
; Sequence 1387, Application US/09877478  
; Publication No. US20030068301A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Morrissey, Dave  
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
; FILE REFERENCE: MBH00-845-H (400/029)  
; CURRENT APPLICATION NUMBER: US/09/877,478  
; CURRENT FILING DATE: 2001-12-31  
; PRIOR APPLICATION NUMBER: US 07/882,712  
; PRIOR FILING DATE: 1992-05-14  
; PRIOR APPLICATION NUMBER: US 09/531,025  
; PRIOR FILING DATE: 2000-03-20  
; PRIOR APPLICATION NUMBER: US 09/636,385  
; PRIOR FILING DATE: 2000-08-09  
; PRIOR APPLICATION NUMBER: US 09/696,347  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 08/193,627  
; PRIOR FILING DATE: 1994-02-07  
; PRIOR APPLICATION NUMBER: US 08/433,993  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 08/434,504  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 09/436,430  
; PRIOR FILING DATE: 1999-11-08  
; NUMBER OF SEQ ID NOS: 6586  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1387  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Hepatitis B virus  
US-09-877-478-1387

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 2.3e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1085 CAGGCTTCACCCACC 1101  
Db 1 CAGGGUUCACCCUCCC 17

## RESULT 344

US-09-877-478-2180  
; Sequence 2180, Application US/09877478  
; Publication No. US20030068301A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Morrissey, Dave  
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
; FILE REFERENCE: MBH00-845-H (400/029)  
; CURRENT APPLICATION NUMBER: US/09/877,478  
; CURRENT FILING DATE: 2001-12-31  
; PRIOR APPLICATION NUMBER: US 07/882,712

schultz451-1.1.rnpb

Tue Mar 2 06:29:59 2004

; PRIOR FILING DATE: 1992-05-14  
 ; PRIOR APPLICATION NUMBER: US 09/531,025  
 ; PRIOR FILING DATE: 2000-03-20  
 ; PRIOR APPLICATION NUMBER: US 09/636,385  
 ; PRIOR FILING DATE: 2000-08-09  
 ; PRIOR APPLICATION NUMBER: US 09/696,347  
 ; PRIOR FILING DATE: 2000-10-24  
 ; PRIOR APPLICATION NUMBER: US 08/193,627  
 ; PRIOR FILING DATE: 1994-02-07  
 ; PRIOR APPLICATION NUMBER: US 08/433,993  
 ; PRIOR FILING DATE: 1995-05-04  
 ; PRIOR APPLICATION NUMBER: US 08/434,504  
 ; PRIOR FILING DATE: 1995-05-04  
 ; PRIOR APPLICATION NUMBER: US 09/436,430  
 ; PRIOR FILING DATE: 1999-11-08  
 ; NUMBER OF SEQ ID NOS: 6586  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 2180  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Hepatitis B virus  
 US-09-877-478-2180

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 70.6%; Pred. No. 2.3e+02;  
 Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1085 CAGGCTTCACCCACC 1101  
 ||||| :|||||  
 DB 1 CAGGGUUCACCCGCC 17

RESULT 345  
 US-09-877-478-2272  
 ; Sequence 2272, Application US/09877478  
 ; Publication No. US2003068301A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Draper, Kenneth  
 ; APPLICANT: Blatt, Larry  
 ; APPLICANT: McSwiggan, Jim  
 ; APPLICANT: Morrissey, Dave  
 ; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
 ; FILE REFERENCE: MBH00-845-H (400/029)  
 ; CURRENT APPLICATION NUMBER: US/09/877,478  
 ; CURRENT FILING DATE: 2001-12-31  
 ; PRIOR APPLICATION NUMBER: US 07/882,712  
 ; PRIOR FILING DATE: 1992-05-14  
 ; PRIOR APPLICATION NUMBER: US 09/531,025  
 ; PRIOR FILING DATE: 2000-03-20  
 ; PRIOR APPLICATION NUMBER: US 09/636,385  
 ; PRIOR FILING DATE: 2000-08-09  
 ; PRIOR APPLICATION NUMBER: US 09/696,347  
 ; PRIOR FILING DATE: 2000-10-24  
 ; PRIOR APPLICATION NUMBER: US 08/193,627  
 ; PRIOR FILING DATE: 1994-02-07  
 ; PRIOR APPLICATION NUMBER: US 08/433,993  
 ; PRIOR FILING DATE: 1995-05-04  
 ; PRIOR APPLICATION NUMBER: US 08/434,504  
 ; PRIOR FILING DATE: 1995-05-04  
 ; PRIOR APPLICATION NUMBER: US 09/436,430  
 ; PRIOR FILING DATE: 1999-11-08  
 ; NUMBER OF SEQ ID NOS: 6586  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 2272  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Hepatitis B virus  
 US-09-877-478-2272

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 70.6%; Pred. No. 2.3e+02;  
 Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1016 AAAAGAGGGGAGCTT 1032  
 ||||| :|||  
 DB 1 AAAAGAGGGGAU 17  
 ||||| :|||

RESULT 346  
 US-09-848-754A-420/c  
 ; Sequence 420, Application US/09848754A  
 ; Publication No. US20030073207A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
 ; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors  
 ; FILE REFERENCE: MBH00-958-I (400/018)  
 ; CURRENT APPLICATION NUMBER: US/09/848,754A  
 ; CURRENT FILING DATE: 2001-05-03  
 ; NUMBER OF SEQ ID NOS: 9645  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 420  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-848-754A-420

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 889 GTGCTGTGCCCCGTGT 905  
 ||||| :|||||  
 DB 17 GTGCTGTGACACAGGT 1

RESULT 347  
 US-09-848-754A-1405  
 ; Sequence 1405, Application US/09848754A  
 ; Publication No. US20030073207A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
 ; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors  
 ; FILE REFERENCE: MBH00-958-I (400/018)  
 ; CURRENT APPLICATION NUMBER: US/09/848,754A  
 ; CURRENT FILING DATE: 2001-05-03  
 ; NUMBER OF SEQ ID NOS: 9645  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 1405  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-848-754A-1405

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 70.6%; Pred. No. 2.3e+02;  
 Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1088 GCTTCACCCCCACCTG 1104  
 ||||| :|||||  
 DB 1 GCCUCACCCACCCGUG 17

RESULT 348  
 US-09-848-754A-3092/c  
 ; Sequence 3092, Application US/09848754A  
 ; Publication No. US20030073207A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
 ; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors  
 ; FILE REFERENCE: MBH00-958-I (400/018)  
 ; CURRENT APPLICATION NUMBER: US/09/848,754A  
 ; CURRENT FILING DATE: 2001-05-03



```
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3092
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3092

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1175 TTGGCGCTCCCGCAG 1191
Db 17 TCGCTGCTCCCGCAGA 1

RESULT 349
US-09-930-423-803/c
; Sequence 803, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 803
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-803

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1020 AGAGGGGAGCTTGAAG 1036
Db 17 AGAGTGGCAGCATGAAG 1

RESULT 350
US-09-930-423-1272
; Sequence 1272, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1272
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1272

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.3e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 766 GGTTCCTTTCTAAGAGA 782
Db 1 GGUUCUGGCUAGGAGA 17
```

```
RESULT 351
US-09-780-164-391
; Sequence 391, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 391
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-391

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1060 CCAAACCCAGCTTCAG 1076
Db 1 CCAAACCCACUCUCAG 17

RESULT 352
US-09-827-395A-233/c
; Sequence 233, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowli
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 233
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-233

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1110 CAGTCCCGTGCCAGTT 1126
Db 17 CAGCCCCGGGCCAGCT 1

RESULT 353
US-09-827-395A-356
; Sequence 356, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
```

```

; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 527
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
;
US-09-827-395A-527

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      1133 TCACCTCCAGCTCCACC 1149
       :|:|:|:|:|:|:|:|:|:|
DB       1 UCACCCGACGCCUCCACC 17

RESULT 356
US-09-827-395A-629/c
; Sequence 629, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
; FILE REFERENCE: MEHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 629
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
;
US-09-827-395A-629

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1112 GTCCCGTGCCCGAGTTCC 1128
       :|:|:|:|:|:|:|:|:|:|
DB       17 GCCCGGGGCCCGAGTCC 1

RESULT 357
US-09-827-395A-675
; Sequence 675, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
; FILE REFERENCE: MEHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797

```

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 2.3e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;  
SEQ ID NO 675  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-827-395A-675

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 2.3e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1043 CTACTAAGCCCTGGCC 1059  
Db 1 CCACUGAGGCCUGGCC 17

RESULT 358  
US-09-888-056A-23  
Sequence 23, Application US/09888056A  
Publication No. US20030124524A1  
GENERAL INFORMATION:  
APPLICANT: KORMAN, KENNETH S.  
APPLICANT: DUFF, GORDON W.  
TITLE OF INVENTION: SCREENING ASSAYS FOR IDENTIFYING MODULATORS OF THE  
TITLE OF INVENTION: INFLAMMATORY OR IMMUNE RESPONSE  
FILE REFERENCE: MSA-023.01  
CURRENT APPLICATION NUMBER: US/09/888,056A  
CURRENT FILING DATE: 2002-05-06  
PRIOR APPLICATION NUMBER: 60/213,853  
PRIOR FILING DATE: 2000-06-23  
NUMBER OF SEQ ID NOS: 30  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 23  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Probe  
US-09-888-056A-23

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1250 ACCCATCCCAACCC 1266  
Db 1 ACCCGTCCCATGCC 17

RESULT 359  
US-09-332-1784  
Sequence 1784, Application US/09740332  
Publication No. US20030125270A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
TITLE OF INVENTION: Hepatitis C Virus Infection  
FILE REFERENCE: RPI 400/003  
CURRENT APPLICATION NUMBER: US/09/740,332  
CURRENT FILING DATE: 2001-03-26  
NUMBER OF SEQ ID NOS: 9704  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1784  
LENGTH: 17  
TYPE: RNA  
ORGANISM: artificial sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION:  
OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-1784

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 2.3e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;  
QY 1118 TGCCAGTTCCACCTTC 1134  
Db 1 UGCCCAUUGCCACCGC 17

RESULT 360  
US-09-740-332-2472/c  
Sequence 2472, Application US/09740332  
Publication No. US20030125270A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
TITLE OF INVENTION: Hepatitis C Virus Infection  
FILE REFERENCE: RPI 400/003  
CURRENT APPLICATION NUMBER: US/09/740,332  
CURRENT FILING DATE: 2001-03-26  
NUMBER OF SEQ ID NOS: 9704  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2472  
LENGTH: 17  
TYPE: RNA  
ORGANISM: artificial sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION:  
OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-2472

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 CCTGTCATTTTCTTTG 916  
Db 17 CCTGTCGTTATCTGTG 1

RESULT 361  
US-09-740-332-3288/c  
Sequence 3288, Application US/09740332  
Publication No. US20030125270A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals Inc.  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
TITLE OF INVENTION: Hepatitis C Virus Infection  
FILE REFERENCE: RPI 400/003  
CURRENT APPLICATION NUMBER: US/09/740,332  
CURRENT FILING DATE: 2001-03-26  
NUMBER OF SEQ ID NOS: 9704  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 3288  
LENGTH: 17  
TYPE: RNA  
ORGANISM: artificial sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION:  
OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-3288

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1092 CACCCCACTGGGCT 1108  
Db 17 CACCCCACTGGGAT 1

```

; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1272
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1272

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.3e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY      766 GGTTCCTTTCTAAGAGA 782
      ||::||:|:|:||||
DB      1 GGUUCUGGCUAGGAGA 17

RESULT 365
US-09-817-879-1784
; Sequence 1784, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Re.
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1784
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1784

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      1118 TGCCCGAGTTCACCTTC 1134
      :||||:|||||:|
DB      1 UGCCCAUUGCCACCUCG 17

RESULT 366
US-09-817-879-2472/c
; Sequence 2472, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Re.
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2472
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2472

```

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 CCTGTCATTTCTTGG 916  
DB 17 CCTGTCGTTATCTGTG 1

RESULT 367  
US-09-817-879-3288/c  
; Sequence 3288, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: MBH00-801-F  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3288  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-3288

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1092 CACCCACCTGGGCT 1108  
DB 17 CACCCCATCTGGGAT 1

RESULT 368  
US-09-817-879-3559  
; Sequence 3559, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: MBH00-801-F  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3559  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-3559

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 2.3e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 883 ACCACAGTCTGTGCC 899  
DB 1 ACCUAGUCUCUUGCC 17

RESULT 369  
US-10-060-830-209  
; Sequence 209, Application US/10060830  
; Publication No. US20030032154A1  
; GENERAL INFORMATION:  
; APPLICANT: Nguyen, Cung-Tuong  
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN  
; FILE REFERENCE: PB0169  
; CURRENT APPLICATION NUMBER: US/10/060,830  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/325,062  
; PRIOR FILING DATE: 2001-09-25  
; NUMBER OF SEQ ID NOS: 1123  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 209  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-830-209

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 883 ACCACAGTCTGTGCC 899  
DB 1 ACCACAGTCTGTGCAGGC 17

RESULT 370  
US-10-060-756A-1822/c  
; Sequence 1822, Application US/10060756A  
; Publication No. US20030045717A1  
; GENERAL INFORMATION:  
; APPLICANT: Zhang, Jian  
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN  
; FILE REFERENCE: PB0177  
; CURRENT APPLICATION NUMBER: US/10/060,756A  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/327,898  
; PRIOR FILING DATE: 2001-10-09  
; NUMBER OF SEQ ID NOS: 4804  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 1822

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 CCTGTCATTTCTTGG 916  
DB 17 CCTGTCGTTATCTGTG 1

RESULT 367  
US-09-817-879-3288/c  
; Sequence 3288, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: MBH00-801-F  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3288  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-3288

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1092 CACCCACCTGGGCT 1108  
DB 17 CACCCCATCTGGGAT 1

RESULT 368  
US-09-817-879-3559  
; Sequence 3559, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: MBH00-801-F  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3559  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-3559

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 2.3e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 883 ACCACAGTCTGTGCC 899  
DB 1 ACCUAGUCUCUUGCC 17

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 762 TCACGGTTCTTTCTAA 778  
Db 1 TCACGGTTTTTAICTAA 17

RESULT 373  
US-10-060-998-487  
; Sequence 487, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 487  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-487

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1122 CAGTCCACTTCACCT 1138  
Db 17 CAGTCCATGTTTCATCT 1

RESULT 371  
US-10-060-998-50  
; Sequence 50, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 50  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-50

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 761 ATGCAGGTTCTTTCTTA 777  
Db 1 ATCCAGGTTTATCTTA 17

RESULT 372  
US-10-060-998-51  
; Sequence 51, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 51  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-51

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 935 TCCTCTTCATGTTTGA 951  
Db 1 TCCTCTTCATGTTTGA 17

RESULT 374  
US-10-060-998-490  
; Sequence 490, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 490  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-490

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 938 TCTTCATGTTTGAATG 954  
Db 1 TCTTCATGTTTACTG 17

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1122 CAGTCCACTTCACCT 1138  
Db 17 CAGTCCATGTTTCATCT 1

RESULT 371  
US-10-060-998-50  
; Sequence 50, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 50  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-50

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 761 ATGCAGGTTCTTTCTTA 777  
Db 1 ATCCAGGTTTATCTTA 17

RESULT 372  
US-10-060-998-51  
; Sequence 51, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 51  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-51

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 935 TCCTCTTCATGTTTGA 951  
Db 1 TCCTCTTCATGTTTGA 17

RESULT 374  
US-10-060-998-490  
; Sequence 490, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 490  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-490

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 938 TCTTCATGTTTGAATG 954  
Db 1 TCTTCATGTTTACTG 17

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

[illegible]

```
US-10-156-306-3554/c
; Sequence 3554, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3554
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3554
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1126 TCCACCTTCACCTCCAG 1142
DB 17 TCTACCTTCACCTCTGT 1
RESULT 381
US-10-156-306-5114
; Sequence 5114, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5114
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5114
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
QY 838 TGCCTACCCAGATTGA 854
DB 1 UGCCUAGCCAGGAUGA 17
RESULT 382
US-10-238-700-426/c
; Sequence 426, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
```

```
US-10-238-700-426
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 426
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-426
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 844 CCCAGATTGAGATGT 860
DB 17 CCACAGATGAGATTGT 1
RESULT 383
US-10-238-700-3585
; Sequence 3585, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to L
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3585
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3585
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
QY 1208 ATCAGGGGGCTGACCCC 1224
DB 1 AUGUGGAGCUGACCCC 17
RESULT 384
US-10-061-201-823/c
; Sequence 823, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
```





; NUMBER OF SEQ ID NOS: 4162  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 1423  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-061-201-1423

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1037 GAACCTACTAGCCCT 1053  
| | | | | | | | | | | | | | | | | | | | |  
DB 1 GCACCTACTAGCCCT 17

## RESULT 388

US-10-061-201-1425  
; Sequence 1425, Application US/10061201  
; Publication No. US20030166229A1  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1  
; FILE REFERENCE: PB0178  
; CURRENT APPLICATION NUMBER: US/10/061,201  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/328,205  
; PRIOR FILING DATE: 2001-10-10  
; NUMBER OF SEQ ID NOS: 4162  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 1425  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-061-201-1425

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1039 ACTCCTACTAGCCCT 1055  
| | | | | | | | | | | | | | | | | | | | |  
DB 1 ACTCCTACTAGCCCT 17

## RESULT 389

US-10-061-201-1426  
; Sequence 1426, Application US/10061201  
; Publication No. US20030166229A1  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1  
; FILE REFERENCE: PB0178  
; CURRENT APPLICATION NUMBER: US/10/061,201

; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/328,205  
; PRIOR FILING DATE: 2001-10-10  
; NUMBER OF SEQ ID NOS: 4162  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 1426  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-061-201-1426

Query Match 0.6%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1040 CTACTACTAGCCCTG 1056  
| | | | | | | | | | | | | | | | | | | | |  
DB 1 CTCTACTAGCCCTG 17

## RESULT 390

US-10-061-201-1427  
; Sequence 1427, Application US/10061201  
; Publication No. US20030166229A1  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1  
; FILE REFERENCE: PB0178  
; CURRENT APPLICATION NUMBER: US/10/061,201  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/328,205  
; PRIOR FILING DATE: 2001-10-10  
; NUMBER OF SEQ ID NOS: 4162  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 1427  
; LENGTH: 17  
; TYPE: DNA

Query Match	0.6%	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%	Pred. No. 2.3e+02;		

```

RESULT 395
US-10-061-201-1958/c
; Sequence 1958, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PR0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665

```

Query Match	0.6%	Score 12.2;	DB 1;	Length 17;
Best local Similarity	82.4%;	Pred. NO. 2.3e+02;		
Matches 14;	Conservative	0;	Mismatches 3;	Indels 0;
Gaps				0

## RESULT 397

US-10-340-192-62/c

; Sequence 62, Application US/10340192

; Publication No. US20030170700A1

; GENERAL INFORMATION:

; APPLICANT: Lynx Therapeutics, Inc.

; APPLICANT: Shang, Jin

; APPLICANT: Bowen, Benjamin A

; TITLE OF INVENTION: SECRETED AND CELL SURFACE POLYPEPTIDES AFFECTED BY CHOLESTEROL AN

; FILE REFERENCE: THEROF

; CURRENT APPLICATION NUMBER: US/10/340,192

; CURRENT FILING DATE: 2003-01-08

; NUMBER OF SEQ ID NOS: 88

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 62

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-340-192-62

Query Match 0.6%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 2.3e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1289 CCCAAGCCACAGAGC 1305

DB 17 CCCAAGCCACAGATC 1

## RESULT 398

US-10-209-787-3630

; Sequence 3630, Application US/10209787

; Publication No. US20030217377A1

; GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.

; APPLICANT: Gamper, Howard B.

; APPLICANT: Rice, Michael C.

; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

; FILE REFERENCE: Napro-4

; CURRENT APPLICATION NUMBER: US/10/209,787

; CURRENT FILING DATE: 2002-07-30

; PRIOR APPLICATION NUMBER: US 09/818,875

; PRIOR FILING DATE: 2001-03-27

; PRIOR APPLICATION NUMBER: US 60/192,176

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/192,179

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/208,538

; PRIOR FILING DATE: 2000-06-01

; PRIOR APPLICATION NUMBER: US 60/244,989

; PRIOR FILING DATE: 2000-10-30

; NUMBER OF SEQ ID NOS: 4385

; SOFTWARE: Friedman macro Napro4

; SEQ ID NO 3630

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-209-787-3630

Query Match

Best Local Similarity 0.6%; Score 12.2; DB 1; Length 17;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1142 GCTCCACCTATACCCC 1158

DB 1 GCTCCACCTGCATCCCC 17

## RESULT 399

US-10-209-787-3631/c

; Sequence 3631, Application US/10209787

; Publication No. US20030217377A1

; GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.

; APPLICANT: Gamper, Howard B.

; APPLICANT: Rice, Michael C.

; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

; FILE REFERENCE: Napro-4

; CURRENT APPLICATION NUMBER: US/10/209,787

; CURRENT FILING DATE: 2002-07-30

; PRIOR APPLICATION NUMBER: US 09/818,875

; PRIOR FILING DATE: 2001-03-27

; PRIOR APPLICATION NUMBER: US 60/192,176

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/192,179

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/208,538

; PRIOR FILING DATE: 2000-06-01

; PRIOR APPLICATION NUMBER: US 60/244,989

; PRIOR FILING DATE: 2000-10-30

; NUMBER OF SEQ ID NOS: 4385

; SOFTWARE: Friedman macro Napro4

; SEQ ID NO 3631

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-209-787-3631

Query Match

Best Local Similarity 0.6%; Score 12.2; DB 1; Length 17;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1142 GCTCCACCTATACCCC 1158

DB 17 GCTCCACCTGCATCCCC 1

## RESULT 400

US-10-307-005-1271/c

; Sequence 1271, Application US/10307005

; Publication No. US20030236208A1

; GENERAL INFORMATION:

; APPLICANT: University of Delaware

; APPLICANT: Eric B. Kmiec

; APPLICANT: Howard B. Gamper

; APPLICANT: Michael C. Rice

; APPLICANT: Jungsup Kim

; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants

; FILE REFERENCE: Napro/009 PCT

; CURRENT APPLICATION NUMBER: US/10/307,005

; CURRENT FILING DATE: 2002-11-26

; PRIOR APPLICATION NUMBER: PCT/US01/17672

; PRIOR FILING DATE: 2001-06-01

; PRIOR APPLICATION NUMBER: US 60/208,538

; PRIOR FILING DATE: 2000-06-01

; PRIOR APPLICATION NUMBER: US 60/244,989

; PRIOR FILING DATE: 2000-10-30

; PRIOR APPLICATION NUMBER: US 09/818,875

; PRIOR FILING DATE: 2001-03-27

; NUMBER OF SEQ ID NOS: 2717

; SOFTWARE: Friedman macro Napro4

; SEQ ID NO 1271

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Triticum aestivum

US-10-307-005-1271

Query Match

Best Local Similarity 0.6%; Score 12.2; DB 1; Length 17;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-3630
Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1142 GCTCCACCTATACCC 1158
DB 1 GCTCCACCTGCATCCCC 17

RESULT 403
US-10-261-185-3631/c
; Sequence 3631, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3631
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-3631
Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1142 GCTCCACCTATACCC 1158
DB 17 GCTCCACCTGCATCCCC 1

RESULT 404
US-10-380-126-75
; Sequence 75, Application US/10380126
; Publication No. US20040029824A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESSION
; FILE REFERENCE: RTSP-0175
; CURRENT APPLICATION NUMBER: US/10/380,126
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 09/657,042
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-3630
Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 869 CTGAGGACTCAGGCACC 885
DB 1 CTGAGGACTCAGTCGCC 17

RESULT 402
US-10-261-185-3630
; Sequence 3630, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3630
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Triticum aestivum
US-10-307-005-1272
Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 869 CTGAGGACTCAGGCACC 885
DB 1 CTGAGGACTCAGTCGCC 17

RESULT 401
US-10-307-005-1272
; Sequence 1272, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; TITLE OF INVENTION: Using Modified Single Stranded Oligonucleotides
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/819,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1272
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Triticum aestivum
US-10-307-005-1272
```

; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-380-126-75

Query Match 0.6%; Score 12.2; DB 1; Length 20;  
Best Local Similarity 82.4%; Pred. No. 3.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1677 CCCACCTTTTCTCGGA 1693  
||||| |||||||  
DB 4 CCCCAATTTTCTGGA 20

## RESULT 405

US-09-740-332-4706/c  
; Sequence 4706, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
; TITLE OF INVENTION: Hepatitis C Virus Infection  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4706  
; LENGTH: 13  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-4706

Query Match 0.6%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCTATCAGG 1213  
|||||  
DB 13 CACCCTATCAGG 2

## RESULT 406

US-09-817-879-4706/c  
; Sequence 4706, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
; TITLE OF INVENTION: Hepatitis C Virus Infection  
; FILE REFERENCE: MBH800-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4706  
; LENGTH: 13  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-4706

Query Match 0.6%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCTATCAGG 1213  
|||||

Db 13 CACCCTATCAGG 2

## RESULT 407

US-09-504-231A-1517  
; Sequence 1517, Application US/09504231A  
; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL  
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION  
; FILE REFERENCE: rpi 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; CURRENT FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1517  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-1517

Query Match 0.6%; Score 12; DB 1; Length 15;  
Best Local Similarity 83.3%; Pred. No. 1.8e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCTATCAGG 1213  
|||||  
DB 2 CACCCTATCAGG 13

## RESULT 408

US-09-274-553D-1517  
; Sequence 1517, Application US/09274553D  
; Patent No. US2002008225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL  
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION  
; FILE REFERENCE: rpi 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; CURRENT FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1517  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-1517

Query Match 0.6%; Score 12; DB 1; Length 15;  
Best Local Similarity 83.3%; Pred. No. 1.8e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCTATCAGG 1213  
DB 2 CACCCTATCAGG 13

RESULT 409

US-09-740-332-4712/c  
; Sequence 4712, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4712  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-4712

Query Match 0.6%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCTATCAGG 1213  
DB 14 CACCCTATCAGG 3

RESULT 410

US-09-740-332-4753  
; Sequence 4753, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4753  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-4753

Query Match 0.6%; Score 12; DB 1; Length 15;  
Best Local Similarity 83.3%; Pred. No. 1.8e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCTATCAGG 1213  
DB 14 CACCCTATCAGG 3

Db 1 CACCCTATCAGG 12

RESULT 411

US-09-817-879-4712/c  
; Sequence 4712, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: MBH00-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4712  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-4712

Query Match 0.6%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCTATCAGG 1213  
DB 14 CACCCTATCAGG 3

RESULT 412

US-09-817-879-4753  
; Sequence 4753, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection  
; FILE REFERENCE: MBH00-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4753  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-4753

Query Match 0.6%; Score 12; DB 1; Length 15;  
Best Local Similarity 83.3%; Pred. No. 1.8e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCTATCAGG 1213  
DB 1 CACCCTATCAGG 12

RESULT 413

US-10-440-850-311/c  
; Sequence 311, Application US/10440850  
; Publication No. US20030207837A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.



```

1 / APPLICANT: CHEN, Wensheng
2 /
3 / APPLICANT: SHANNON, Mark
4 /
5 / TITLE OF INVENTION: MYOSIN-LIKE GENE EXPR
6 /
7 / FILE REFERENCE: AEOICA-7
8 /
9 / CURRENT APPLICATION NUMBER: US 09/866,108
10 /
11 / CURRENT FILING DATE: 2001-05-25
12 /
13 / PRIOR APPLICATION NUMBER: US 60/207,456
14 /
15 / PRIOR FILING DATE: 2000-05-26
16 /
17 / PRIOR APPLICATION NUMBER: GB 24263.6
18 /
19 / PRIOR FILING DATE: 2000-10-04
20 /
21 / PRIOR APPLICATION NUMBER: US 60/236,359
22 /
23 / PRIOR FILING DATE: 2000-09-27
24 /
25 / PRIOR APPLICATION NUMBER: PCT/US01/00666
26 /
27 / PRIOR FILING DATE: 2001-01-30
28 /
29 / PRIOR APPLICATION NUMBER: PCT/US01/00667
30 /
31 / PRIOR FILING DATE: 2001-01-30
32 /
33 / PRIOR APPLICATION NUMBER: PCT/US01/00664
34 /
35 / PRIOR FILING DATE: 2001-01-30
36 /
37 / PRIOR APPLICATION NUMBER: PCT/US01/00669
38 /
39 / PRIOR FILING DATE: 2001-01-30
40 /
41 / PRIOR APPLICATION NUMBER: PCT/US01/00665
42 /
43 / PRIOR FILING DATE: 2001-01-30
44 /
45 / PRIOR APPLICATION NUMBER: PCT/US01/00668
46 /
47 / PRIOR FILING DATE: 2001-01-30
48 /
49 / PRIOR APPLICATION NUMBER: PCT/US01/00663
50 /
51 / PRIOR FILING DATE: 2001-01-30
52 /
53 / PRIOR APPLICATION NUMBER: PCT/US01/00662
54 /
55 / PRIOR FILING DATE: 2001-01-30
56 /
57 / PRIOR APPLICATION NUMBER: PCT/US01/00661
58 /
59 / PRIOR FILING DATE: 2001-01-30
60 /
61 / PRIOR APPLICATION NUMBER: PCT/US01/00670
62 /
63 / PRIOR FILING DATE: 2001-01-30
64 /
65 / PRIOR APPLICATION NUMBER: US 60/234,687
66 /
67 / PRIOR FILING DATE: 2000-09-21
68 /
69 / PRIOR APPLICATION NUMBER: US 60/266,860
70 /
71 / PRIOR FILING DATE: 2001-02-05
72 /
73 / NUMBER OF SEQ ID NOS: 15752
74 /
75 / SOFTWARE: Aeoica Sequence Listing Engine
76 /
77 / SEQ ID NO 304
78 /
79 / LENGTH: 17
80 /

```

TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-304

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1013 CTGAAAAAGAGG 1024  
|||||  
DB 5 CTGAAAAAGAGG 16

## RESULT 416

US-09-866-108-305  
; Sequence 305, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 305  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-305

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1013 CTGAAAAAGAGG 1024  
|||||

Db 4 CTGAAAAAGAGG 15

## RESULT 417

US-09-866-108-306  
; Sequence 306, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 306  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-306

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1013 CTGAAAAAGAGG 1024  
|||||  
DB 3 CTGAAAAAGAGG 14

## RESULT 418

US-09-866-108-307  
; Sequence 307, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang

```
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 307
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-307

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1013 CTGAAAAGAGG 1024
Db 2 CTGAAAAGAGG 13

RESULT 419
US-09-864-785-661/c
; Sequence 661, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 661
```

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-661

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 887 CAGTGTGTTC 898
Db 12 CAGTGTGTTC 1

RESULT 420
US-09-780-533A-751
; Sequence 751, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 751
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-780-533A-751

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1256 TCCCAACCCCC 1267
Db 1 UCCCAACCCCC 12

RESULT 421
US-09-823-257A-5/c
; Sequence 5, Application US/09823257A
; Publication No. US20030096231A1
; GENERAL INFORMATION:
; APPLICANT: Landers, John
; TITLE OF INVENTION: High Throughput Methods for Haplotyping
; FILE REFERENCE: P0715/7003 (HCL)
; CURRENT APPLICATION NUMBER: US/09/823,257A
; CURRENT FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: US 60/194,425
; PRIOR FILING DATE: 2000-04-04
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Human Oligonucleotide
US-09-823-257A-5

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
```

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1196 TGGCACCACCT 1207  
| | | | | | | | | |  
Db 12 TGGCACCACCT 1

## RESULT 422

US-09-902-214-37  
; Sequence 37, Application US/09902214  
; Publication No. US20030104521A1  
; GENERAL INFORMATION:  
; APPLICANT: Whittaker, Paul Andrew  
; TITLE OF INVENTION: Disease-Associated Gene  
; FILE REFERENCE: 4-31503A/H031  
; CURRENT APPLICATION NUMBER: US/09/902,214  
; CURRENT FILING DATE: 2001-07-10  
; NUMBER OF SEQ ID NOS: 84  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 37  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-902-214-37

Query Match 0.6%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1238 CCTCGCCTCCG 1249  
| | | | | | | | | |  
Db 2 CCTCGCCTCCG 13

## RESULT 423

US-09-740-332-65/c  
; Sequence 65, Application US/09740332  
; Publication No. US20030125270A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; FILE REFERENCE: RPI 400/003  
; CURRENT APPLICATION NUMBER: US/09/740,332  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9704  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 65  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-740-332-65

Query Match 0.6%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCATCAGG 1213  
| | | | | | | | | |  
Db 16 CACCCATCAGG 5

## RESULT 424

US-09-817-879-65/c  
; Sequence 65, Application US/09817879  
; Publication No. US20030171311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to

; TITLE OF INVENTION: Hepatitis C Virus Infection  
; FILE REFERENCE: MHB00-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 65  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-65

Query Match 0.6%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCATCAGG 1213  
| | | | | | | | | |  
Db 16 CACCCATCAGG 5

## RESULT 425

US-10-163-552-377/c  
; Sequence 377, Application US/10163552  
; Publication No. US20030105051A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to le  
; FILE REFERENCE: MHB01-1653-A (400/014)  
; CURRENT APPLICATION NUMBER: US/10/163,552  
; CURRENT FILING DATE: 2002-06-06  
; NUMBER OF SEQ ID NOS: 1997  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 377  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-163-552-377

Query Match 0.6%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 744 CACCGTGTGCAC 755  
| | | | | | | | | |  
Db 16 CACCGTGTGCAC 5

## RESULT 426

US-10-163-552-378/c  
; Sequence 378, Application US/10163552  
; Publication No. US20030105051A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to le  
; FILE REFERENCE: MHB01-1653-A (400/014)  
; CURRENT APPLICATION NUMBER: US/10/163,552  
; CURRENT FILING DATE: 2002-06-06  
; NUMBER OF SEQ ID NOS: 1997  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 378  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-163-552-378

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 744 CACGCTGTCAC 755  
| | | | | | | | | |  
DB 14 CACGCTGTCAC 3

## RESULT 427

US-10-238-700-2962  
; Sequence 2962, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MBH01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2962  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-2962

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 91.7%; Pred. No. 2.6e+02;  
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1231 GCGACAGCCCTC 1242  
| | | | | | | | | |  
DB 6 GCGACAGCCCTC 17

## RESULT 428

US-10-238-700-3290/c  
; Sequence 3290, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MBH01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3290  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-3290

Query Match 0.6%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1255 ATCCCCAACCC 1266  
| | | | | | | | | |  
DB 17 ATCCCCAACCC 6

## RESULT 429

US-09-504-231A-131/c  
; Sequence 131, Application US/09504231A  
; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL  
; FILE REFERENCE: Pti 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; CURRENT FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 131  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-131

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CACCTGCCATGCAGG 767  
| | | | | | | | | |  
DB 15 CACCTGCCATGCAGG 1

## RESULT 430

US-09-504-231A-337/c  
; Sequence 337, Application US/09504231A  
; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL  
; FILE REFERENCE: Pti 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; CURRENT FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 337  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-337

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 816 AAGCTGGAGTGCAC 830  
||||| |||||  
Db 15 AAGCCACGAGTGCAC 1

## RESULT 431

US-09-504-231A-855/c  
; Sequence 855, Application US/09504231A  
; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; FILE REFERENCE: IPI 247/282  
; CURRENT FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: US/09/504,231A  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 855  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-855

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1056 GGCCCAACCAAG 1070  
||||| |||||  
Db 15 GCACCAACCAAG 1

## RESULT 432

US-09-504-231A-940  
; Sequence 940, Application US/09504231A  
; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; CURRENT FILING DATE: 2000-02-15  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24

; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 940  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-940

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 80.0%; Pred. No. 2.1e+02;  
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1085 CAGGCTTCACCCCA 1099  
||||| :|||||  
Db 1 CAGGCCUACCCCA 15

## RESULT 433

US-09-274-553D-131/c  
; Sequence 131, Application US/09274553D  
; Patent No. US20020082225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; CURRENT FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 131  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-131

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 753 CACCTGCCATGCAGG 767  
||||| |||||  
Db 15 CACCTGCCATGCAGG 1

## RESULT 434

US-09-274-553D-337/c  
; Sequence 337, Application US/09274553D  
; Patent No. US20020082225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis

```
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: ip1 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 337
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-337

Query Match          0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 816 AAGCCTGAGTGCAC 830
Db 15 AAGCCACGAGTGCAC 1

RESULT 435
US-09-274-553D-855/c
; Sequence 855, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: ip1 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 855
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-855

Query Match          0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1056 GGCCCCAACCACAG 1070
Db 15 GCCCAAAACCACAG 1

RESULT 436
US-09-274-553D-940
; Sequence 940, Application US/09274553D
```

```
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; FILE REFERENCE: ip1 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 940
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-940

Query Match          0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.1e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1085 CAGGCTTCACCCCA 1099
Db 1 CAGGCCUCACCCACA 15

RESULT 437
US-09-826-290-471
; Sequence 471, Application US/09826290
; Patent No. US20020164668A1
; GENERAL INFORMATION:
; APPLICANT: Durham, L. Kathryn
; APPLICANT: Friedman, David L.
; APPLICANT: Herath, Herath Mudiyanseelage Athula Chandrasiri
; APPLICANT: Kammel, Lida H.
; APPLICANT: Parekh, Rajesh Bhikhu
; APPLICANT: Potter, David M.
; APPLICANT: Rohlf, Christian
; APPLICANT: Silber, B. Michael
; APPLICANT: Stiger, Thomas R.
; APPLICANT: Sunderland, P. Trey
; APPLICANT: Townsend, Robert Reid
; APPLICANT: White, Frost
; APPLICANT: Williams, Stephen A.
; TITLE OF INVENTION: Nucleic Acid Molecules, Polypeptides and
; TITLE OF INVENTION: Uses Therefor, Including Diagnosis and Treatment of
; FILE REFERENCE: 2572-1-001 N2
; CURRENT APPLICATION NUMBER: US/09/826,290
; PRIOR FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 60/194,504
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: US 60/253,647
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 492
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 471
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
```

```
/ LOCATION: (1)...(15)
/ OTHER INFORMATION: primer
US-09-826-290-471

Query Match      0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1096 CCACCGCTGGCTTC 1110
Db 1 CCCGGCCTGGCTTC 15

RESULT 438
US-09-825-805-128/c
/ Sequence 128, Application US/09825805
/ Publication No. US20030004122A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Beigelman, Leo
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpeisky, Alex
/ APPLICANT: Adamic, Jasenka Matulic
/ APPLICANT: Sweedler, Dave
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
/ FILE REFERENCE: MBH00-831-F (406/009)
/ CURRENT APPLICATION NUMBER: US/09/825,805
/ PRIOR FILING DATE: 2001-09-27
/ PRIOR APPLICATION NUMBER: 09/578,223
/ PRIOR FILING DATE: 2000-05-23
/ PRIOR APPLICATION NUMBER: 09/476,387
/ PRIOR FILING DATE: 1999-12-30
/ PRIOR APPLICATION NUMBER: 09/474,432
/ PRIOR FILING DATE: 1999-12-29
/ PRIOR APPLICATION NUMBER: 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ PRIOR APPLICATION NUMBER: 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: 60/083,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ NUMBER OF SEQ ID NOS: 1558
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 128
/ LENGTH: 15
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-825-805-128

Query Match      0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1110 CAGTCCCGTGCCCG 1124
Db 15 CAGTCCCGTGCCCG 1

RESULT 439
US-09-754-066-16/c
/ Sequence 16, Application US/09754066
/ Publication No. US20030013669A1
/ GENERAL INFORMATION:
/ APPLICANT: BURCOGLU, ARSINUR
/ TITLE OF INVENTION: METHOD OF TREATING HIV INFECTION AND RELATED SECONDARY INFECTIONS THEREOF
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Banner & Witcoff
/ STREET: 1001 G Street, NW
/ CITY: Washington
```

```
/ STATE: DC
/ COUNTRY: USA
/ ZIP: 20001
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/754,066
/ FILING DATE: 05-Jan-2001
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/848,013
/ FILING DATE: 2001-05-07
/ APPLICATION NUMBER: 07/830,886
/ FILING DATE: 04-FEB-1992
/ APPLICATION NUMBER: 07/748,277
/ FILING DATE: 21-AUG-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Kagan, Sarah A
/ REGISTRATION NUMBER: 32141
/ REFERENCE/DOCKET NUMBER: 02939.04541
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-508-9100
/ TELEFAX: 202-508-9299
/ TELEX: <Unknown>
/ INFORMATION FOR SEQ ID NO: 16:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-754-066-16

Query Match      0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 891 GCTGTTGCCCTGGT 905
Db 15 GCTGTTGCCCTGGT 1

RESULT 440
US-09-979-593-69/c
/ Sequence 69, Application US/09979593
/ Publication No. US2003008255A1
/ GENERAL INFORMATION:
/ APPLICANT: Genaisance Pharmaceuticals, Inc.
/ APPLICANT: Chew, Anne
/ APPLICANT: Choi, Julie Y
/ APPLICANT: Denton, R. Rex
/ APPLICANT: Klien, Stefanie E
/ APPLICANT: Lee, Helen H
/ APPLICANT: Nandabalan, Krishnan
/ TITLE OF INVENTION: HAPLOTYPES OF THE ICAM2 GENE
/ FILE REFERENCE: MMH-0425 PCT ICAM2
/ CURRENT APPLICATION NUMBER: US/09/979,593
/ CURRENT FILING DATE: 2001-11-14
/ PRIOR APPLICATION NUMBER: PCT/US01/14714
/ PRIOR FILING DATE: 2001-05-07
/ PRIOR APPLICATION NUMBER: 60/201,946
/ PRIOR FILING DATE: 2000-05-05
/ NUMBER OF SEQ ID NOS: 83
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 69
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Homo sapien
US-09-979-593-69
```



Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 862 AAGGCACTGAGGAC 876  
||||| ||||| |||||  
Db 15 AAGGTCATGGGGAC 1

RESULT 441  
US-09-840-008-43/c  
; Sequence 43, Application US/09840008  
; Publication No. US20030104519A1  
; GENERAL INFORMATION:  
; APPLICANT: EVANS, RONALD M.  
; TITLE OF INVENTION: XENOBIOTIC COMPOUND MODULATED EXPRESSION SYSTEMS AND  
; FILE REFERENCE: SALK2270-4  
; CURRENT APPLICATION NUMBER: US/09/840,008  
; PRIOR FILING DATE: 2001-04-20  
; PRIOR APPLICATION NUMBER: 09/458,366  
; PRIOR FILING DATE: 1999-12-09  
; PRIOR APPLICATION NUMBER: 09/005,286  
; PRIOR FILING DATE: 1998-01-09  
; NUMBER OF SEQ ID NOS: 43  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 43  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-09-840-008-43

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 824 AGTGCACGAAGTTGT 838  
||||| ||||| |||||  
Db 15 AGTTCATGAAGTTGT 1

RESULT 442  
US-10-056-414-80  
; Sequence 80, Application US/10056414  
; Publication No. US20030003469A1  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; Draper, Kenneth G.  
; McSwiggen, James  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; DISEASES OR CONDITIONS  
; RELATED TO LEVELS OF  
; NF-KB  
; NUMBER OF SEQUENCES: 830  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/056,414

FILING DATE: 23-Jan-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/291,932A  
; FILING DATE: August 15, 1994  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/157  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 80:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 80:  
US-10-056-414-80

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 66.7%; Pred. No. 2.1e+02;  
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 836 TGTGCTTACCCGAGA 850  
:||:||||:|||||  
Db 1 UGUGCCUACCCGAAA 15

RESULT 443  
US-10-056-414-125/c  
; Sequence 125, Application US/10056414  
; Publication No. US20030003469A1  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; Draper, Kenneth G.  
; McSwiggen, James  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; DISEASES OR CONDITIONS  
; RELATED TO LEVELS OF  
; NF-KB  
; NUMBER OF SEQUENCES: 830  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/056,414  
; FILING DATE: 23-Jan-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/291,932A  
; FILING DATE: August 15, 1994  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 125:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 125:
US-10-056-414-125

```

```

Query Match          0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 1272 GAAGTGGGAGGACAG 1286
Db 15 GATGTGAGGAGACAG 1

```

## RESULT 444

```

US-10-056-414-223
; Sequence 223, Application US/10056414
; Publication No. US20030003469A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Stinchcomb, Dan T.
; Draper, Kenneth G.
; McSwiggen, James

```

```

; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; RELATED TO LEVELS OF
; NF-KB

```

```

; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street

```

```

; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

```

```

; COMPUTER: IBM Compatible
; storage
; OPERATING SYSTEM: IBM P.C. DOS 5.0

```

```

; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:

```

```

; APPLICATION NUMBER: US/10/056,414
; FILING DATE: 23-Jan-2002

```

```

; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:

```

```

; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994

```

```

; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994

```

```

; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.

```

```

; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157

```

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600

```

```

; TELEFAX: (213) 955-0440
; TELEX: 67-3510

```

```

; INFORMATION FOR SEQ ID NO: 223:

```

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 223:
US-10-056-414-223

```

```

Query Match          0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.1e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 1085 GAGGCTTACCCCA 1099
Db 1 CCGGCCACACCCCA 15

```

## RESULT 445

```

US-10-056-414-349

```

```

; Sequence 349, Application US/10056414
; Publication No. US20030003469A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Stinchcomb, Dan T.
; Draper, Kenneth G.
; McSwiggen, James

```

```

; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; RELATED TO LEVELS OF
; NF-KB

```

```

; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street

```

```

; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.

```

```

; ZIP: 90071-2066
; COMPUTER READABLE FORM:

```

```

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible

```

```

; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1

```

```

; CURRENT APPLICATION DATA:

```

```

; APPLICATION NUMBER: US/10/056,414
; FILING DATE: 23-Jan-2002

```

```

; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:

```

```

; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994

```

```

; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994

```

```

; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.

```

```

; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157

```

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600

```

```

; TELEFAX: (213) 955-0440
; TELEX: 67-3510

```

```

; INFORMATION FOR SEQ ID NO: 349:
; SEQUENCE CHARACTERISTICS:

```

```

; LENGTH: 15 base pairs
; TYPE: nucleic acid

```

```

; STRANDEDNESS: single
; TOPOLOGY: linear

```

```

; SEQUENCE DESCRIPTION: SEQ ID NO: 349:
US-10-056-414-349

```

```

Query Match          0.5%; Score 11.8; DB 1; Length 15;

```

Best Local Similarity 80.0%; Pred. No. 2.1e+02;  
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1084 CCAGGCTTACGCC 1098  
Db 1 CCAGGCUCCAGCCCC 15

## RESULT 446

US-10-043-875-473/c  
; Sequence 473, Application US/10043875  
; Publication No. US20030054339A1  
; GENERAL INFORMATION:  
; APPLICANT: De Smet, Koenraad  
; APPLICANT: Stuyver, Lieven  
; TITLE OF INVENTION: Method for Detection of Drug-Induced Mutations in the HIV Reverse  
; FILE REFERENCE: 11362-0033-NPUS01 (INNS:033)  
; CURRENT APPLICATION NUMBER: US/10/043,875  
; CURRENT FILING DATE: 2002-04-03  
; PRIOR APPLICATION NUMBER: 60/286,102  
; PRIOR FILING DATE: 2001-04-24  
; PRIOR APPLICATION NUMBER: EP 01870085.6  
; PRIOR FILING DATE: 2001-04-20  
; PRIOR APPLICATION NUMBER: EP 01870005.4  
; PRIOR FILING DATE: 2001-01-11  
; NUMBER OF SEQ ID NOS: 884  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 473  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Human immunodeficiency virus  
US-10-043-875-473

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 793 GTCTCCTGTAGTAAC 807  
Db 15 GTCTGGTGTAGTAAC 1

## RESULT 447

US-10-043-875-881/c  
; Sequence 881, Application US/10043875  
; Publication No. US20030054339A1  
; GENERAL INFORMATION:  
; APPLICANT: De Smet, Koenraad  
; APPLICANT: Stuyver, Lieven  
; TITLE OF INVENTION: Method for Detection of Drug-Induced Mutations in the HIV Reverse  
; FILE REFERENCE: 11362-0033-NPUS01 (INNS:033)  
; CURRENT APPLICATION NUMBER: US/10/043,875  
; CURRENT FILING DATE: 2002-04-03  
; PRIOR APPLICATION NUMBER: 60/286,102  
; PRIOR FILING DATE: 2001-04-24  
; PRIOR APPLICATION NUMBER: EP 01870085.6  
; PRIOR FILING DATE: 2001-04-20  
; PRIOR APPLICATION NUMBER: EP 01870005.4  
; PRIOR FILING DATE: 2001-01-11  
; NUMBER OF SEQ ID NOS: 884  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 881  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Human immunodeficiency virus  
US-10-043-875-881

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 793 GTCTCCTGTAGTAAC 807  
Db 15 GTCTGGTGTAGTAAC 1

## RESULT 448

US-10-010-802-14/c  
; Sequence 14, Application US/10010802  
; Publication No. US20030078220A1  
; GENERAL INFORMATION:  
; APPLICANT: Genaisance Pharmaceuticals  
; APPLICANT: Chew, Anne  
; APPLICANT: Denton, R. Rex  
; APPLICANT: Duda, Amy  
; APPLICANT: Nandabalan, Krishnan  
; APPLICANT: Stephens, J. Claiborne  
; APPLICANT: Windemuth, Andreas  
; TITLE OF INVENTION: Drug Target Isoenes: Polymorphisms in the Interleukin  
; FILE REFERENCE: MWH-0002US2 IL4R alpha  
; CURRENT APPLICATION NUMBER: US/10/010,802  
; CURRENT FILING DATE: 2001-11-09  
; PRIOR APPLICATION NUMBER: PCT/US00/19094  
; PRIOR FILING DATE: 2000-07-13  
; NUMBER OF SEQ ID NOS: 413  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 14  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-010-802-14

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1235 CAGCCCTCGCCTCCG 1249  
Db 15 CACCCCGCGCCTCCG 1

## RESULT 449

US-10-010-802-144  
; Sequence 144, Application US/10010802  
; Publication No. US20030078220A1  
; GENERAL INFORMATION:  
; APPLICANT: Genaisance Pharmaceuticals  
; APPLICANT: Chew, Anne  
; APPLICANT: Denton, R. Rex  
; APPLICANT: Duda, Amy  
; APPLICANT: Nandabalan, Krishnan  
; APPLICANT: Stephens, J. Claiborne  
; APPLICANT: Windemuth, Andreas  
; TITLE OF INVENTION: Drug Target Isoenes: Polymorphisms in the Interleukin  
; FILE REFERENCE: MWH-0002US2 IL4R alpha  
; CURRENT APPLICATION NUMBER: US/10/010,802  
; CURRENT FILING DATE: 2001-11-09  
; PRIOR APPLICATION NUMBER: PCT/US00/19094  
; PRIOR FILING DATE: 2000-07-13  
; NUMBER OF SEQ ID NOS: 413  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 144  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-010-802-144

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1053 CCTGGCCCCCAACCC 1067

Db 1 CCTGCCCCCACCC 15

## RESULT 450

US-10-229-755A-1  
; Sequence 1, Application US/10229755A  
; Publication No. US20030082601A1  
; GENERAL INFORMATION:

; APPLICANT: Dill Killian

; TITLE OF INVENTION: ENZYME-AMPLIFIED REDOX MICROARRAY DETECTION PROCESS  
; FILE REFERENCE: 0701

; CURRENT APPLICATION NUMBER: US/10/229,755A

; CURRENT FILING DATE: 2002-12-13

; NUMBER OF SEQ ID NOS: 4

; SEQ ID NO 1

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: KRAS

US-10-229-755A-1

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1132 TTCACCTCCAGCTCC 1146

Db 1 TAGCCTCCAGCTCC 15

## RESULT 451

US-10-156-306-7809/c

; Sequence 7809, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; FILE REFERENCE: Levels of IKK-Gamma and PKR

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 7809

; LENGTH: 15

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-7809

Query Match 0.5%; Score 11.8; DB 1; Length 15;

Best Local Similarity 86.7%; Pred. No. 2.1e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1124 GTTCCACCTTCACCT 1138

Db 15 GATCTACCTTCACCT 1

## RESULT 452

US-10-055-732-10

; Sequence 10, Application US/10055732

; Publication No. US20030135040A1

; GENERAL INFORMATION:

; APPLICANT: Eritja, Ramon

; APPLICANT: Garcia, Ramon Guimil

; APPLICANT: Ose, Christian C.

; TITLE OF INVENTION: Compositions and Methods for Synthesis and Use of No. US200301350  
; FILE REFERENCE: 03038-0202 42892-265833

; CURRENT APPLICATION NUMBER: US/10/055,732

; CURRENT FILING DATE: 2002-01-22  
; PRIOR APPLICATION NUMBER: US 60/162,627  
; PRIOR FILING DATE: 1999-10-29

; PRIOR APPLICATION NUMBER: US 09/702,066

; PRIOR FILING DATE: 2000-10-30

; PRIOR APPLICATION NUMBER: US 60/197,559

; PRIOR FILING DATE: 2000-04-17

; NUMBER OF SEQ ID NOS: 30

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 10

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic oligonucleotide

; NAME/KEY: misc feature

; OTHER INFORMATION: Synthetic oligonucleotide

US-10-055-732-10

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 926 TTTTATCCCTCCTCT 940

Db 1 TTTTCTCCTCCTCT 15

## RESULT 453

US-10-292-198-6/c

; Sequence 6, Application US/10292198

; Publication No. US20030157654A1

; GENERAL INFORMATION:

; APPLICANT: SHEN, Ben

; APPLICANT: LIU, Wen

; TITLE OF INVENTION: BIOSYNTHESIS OF ENEDIYNE COMPOUNDS BY MANIPULATION OF C-1027 GE  
; FILE REFERENCE: PATHWAY

; CURRENT APPLICATION NUMBER: US/10/292,198

; CURRENT FILING DATE: 2003-03-14

; PRIOR APPLICATION NUMBER: US 10/159,257

; PRIOR FILING DATE: 2002-05-31

; PRIOR APPLICATION NUMBER: US 09/478,189

; PRIOR FILING DATE: 2000-01-05

; PRIOR APPLICATION NUMBER: US 60/115,434

; NUMBER OF SEQ ID NOS: 146

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 6

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Streptomyces globisporus

US-10-292-198-6

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1002 GAAATCGACACCTGA 1016

Db 15 GACATCGACACCTGA 1

## RESULT 454

US-10-196-095-17/c

; Sequence 17, Application US/10196095

; Publication No. US20030158081A1

; GENERAL INFORMATION:

; APPLICANT: March, Ruth E.

; APPLICANT: Thornton, Sarah M.

; TITLE OF INVENTION: CHEMICAL COMPOUNDS

; FILE REFERENCE: 009901/0270771 - AFG/PHM70556/UST

; CURRENT APPLICATION NUMBER: US/10/196,095  
; CURRENT FILING DATE: 2002-07-15  
; PRIOR APPLICATION NUMBER: US/09/597,835  
; PRIOR FILING DATE: 2000-06-19  
; PRIOR APPLICATION NUMBER: GB 9914440.4  
; PRIOR FILING DATE: 1999-06-22  
; NUMBER OF SEQ ID NOS: 54  
; SOFTWARE: MS Word  
; SEQ ID NO 17  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-196-095-17

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1131 CTTCACTCCAGTC 1145  
DB 15 CTTCACTCCAGATC 1

RESULT 455  
US-10-232-927A-68/c  
; Sequence 68, Application US/10232927A  
; Publication No. US20030190638A1  
; GENERAL INFORMATION:  
; APPLICANT: Michael D. West

; Calvin B. Harley  
; Scott L. Weinrich  
; Catherine M. Strahl  
; Michael J. Meeachern  
; Jerry Shay  
; Woodring E. Wright  
; Elizabeth H. Blackburn  
; Nam Woo Kim  
; Homayoun Vaziri

; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
; CONDITIONS RELATED TO  
; TEOLOMERE LENGTH AND/OR  
; TELOMERASE ACTIVITY

; NUMBER OF SEQUENCES: 80

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FastSeq for Windows 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/232,927A

; FILING DATE: 29-Aug-2002

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/378,535

; FILING DATE: 20-Aug-1999

; APPLICATION NUMBER: 08/819,867

; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:

; NAME: Chambers, Daniel M.

; REGISTRATION NUMBER: 34,561

; REFERENCE/DOCKET NUMBER: 224/232

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 68:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 68:  
US-10-232-927A-68

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1248 CGACCCCATCCCAA 1262  
DB 15 CAACCCCAACCCAA 1

RESULT 456  
US-10-440-850-857  
; Sequence 857, Application US/10440850  
; Publication No. US20030207837A1  
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Jarvis, Thale  
; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Re  
; FILE REFERENCE: 250/130 (MHE00-900-A)

; CURRENT APPLICATION NUMBER: US/10/440,850

; CURRENT FILING DATE: 2003-05-19

; PRIOR APPLICATION NUMBER: US/09/650,012

; PRIOR FILING DATE: 2000-08-28

; PRIOR APPLICATION NUMBER: US 08/585,684

; PRIOR FILING DATE: 1996-01-12

; PRIOR APPLICATION NUMBER: US 60/000,951

; PRIOR FILING DATE: 1995-07-07

; PRIOR APPLICATION NUMBER: US 09/038,073

; PRIOR FILING DATE: 1998-03-11

; NUMBER OF SEQ ID NOS: 2285

; SOFTWARE: Patent in version 3.0

; SEQ ID NO 857

; LENGTH: 15

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-440-850-857

Query Match 0.5%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 66.7%; Pred. No. 2.1e+02;  
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 743 ACACCGTGTGCACCT 757  
DB 1 ACACCAUCUGACCU 15

RESULT 457  
US-10-271-602B-208  
; Sequence 208, Application US/10271602B  
; Publication No. US20040002073A1  
; GENERAL INFORMATION:  
; APPLICANT: Alice Xiang Li  
; APPLICANT: Ghazala Hashmi  
; APPLICANT: Michael Seul  
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI  
; FILE REFERENCE: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION  
; CURRENT APPLICATION NUMBER: US/10/271,602B  
; CURRENT FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/329,427  
; PRIOR FILING DATE: 2001-10-14

```

Query Match      0.5%;   Score 11.8;  DB 1;   Length 15;
Best Local Similarity 86.7%;   Pred. No. 2.1e+02;
Matches 13;  Conservative 0;  Mismatches 2;  Indels 0;  Gaps 0;
QY      1096  CCCACCGCTGGGCTTC 1110
          ||| ||||| ||||| |||
Db      1  CCGGGCGCTGGGCTTC 15

```

```
QY      1088 GCTTCACCCCAACC 1102  
        ||| ||||| |||||  
Db       1 GCTGCAGCGCACCC 15  
  
RESULT 461  
US-09-864-426A-2483  
; Sequence 2483, Application US/09864426A  
; Publication No. US20040018489A1  
; GENERAL INFORMATION:  
; APPLICANT: Third Wave Technologies  
; APPLICANT: Ma, Wu Po  
; APPLICANT: Lyamatchev, Victor  
; APPLICANT: Saiser, Michael
```

; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences  
 ; FILE REFERENCE: F0RS-04946  
 ; CURRENT APPLICATION NUMBER: US/09/864,426A  
 ; CURRENT FILING DATE: 2001-05-24  
 ; NUMBER OF SEQ ID NOS: 2640  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 2483  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic  
 US-09-864-426A-2483

Query Match 0.5%; Score 11.8; DB 1; Length 16;  
 Best Local Similarity 86.7%; Pred. No. 2.5e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1088 GCTTCACCCACCC 1102  
 DB 1 GCTGCACCCACCC 15

RESULT 462  
 US-10-446-201-26  
 ; Sequence 26, Application US/10446201  
 ; Publication No. US20040029160A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Britja, Ramon  
 ; TITLE OF INVENTION: Parallel Stranded Duplexes of Deoxyribonucleic Acid and Methods  
 ; FILE REFERENCE: 020415  
 ; CURRENT APPLICATION NUMBER: US/10/446,201  
 ; CURRENT FILING DATE: 2003-05-23  
 ; NUMBER OF SEQ ID NOS: 34  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 26  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: test sequence  
 ; NAME/KEY: misc feature  
 ; LOCATION: (1)..(4)  
 ; OTHER INFORMATION: hairpin linker  
 US-10-446-201-26

Query Match 0.5%; Score 11.8; DB 1; Length 16;  
 Best Local Similarity 86.7%; Pred. No. 2.5e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 926 TTTTATCCCTCTCT 940  
 DB 2 TTTTCTCTCTCT 16

RESULT 463  
 US-10-108-164-66  
 ; Sequence 66, Application US/10108164  
 ; Publication No. US20030104356A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Berger, Shelley L.  
 ; APPLICANT: Fraser, Nigel W.  
 ; APPLICANT: Tal-Singer, Ruth  
 ; APPLICANT: Leary, Jeffrey J.  
 ; TITLE OF INVENTION: Compounds And Methods For Treating And  
 ; FILE REFERENCE: P50682C1  
 ; CURRENT APPLICATION NUMBER: US/10/108,164  
 ; CURRENT FILING DATE: 2002-03-26  
 ; PRIOR APPLICATION NUMBER: 09/424,348

; PRIOR FILING DATE: 1999-07-01  
 ; PRIOR APPLICATION NUMBER: PCT/US98/13733  
 ; PRIOR FILING DATE: 1998-07-01  
 ; PRIOR APPLICATION NUMBER: 60/051,633  
 ; PRIOR FILING DATE: 1997-07-03  
 ; PRIOR APPLICATION NUMBER: 60/054,515  
 ; PRIOR FILING DATE: 1997-08-01  
 ; PRIOR APPLICATION NUMBER: 60/080,352  
 ; NUMBER OF SEQ ID NOS: 145  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 66  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: Herpes simplex virus  
 US-10-108-164-66

Query Match 0.5%; Score 11.8; DB 1; Length 16;  
 Best Local Similarity 86.7%; Pred. No. 2.5e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 905 TCATTTCCTTTGGTC 919  
 DB 2 TCATTCACTTTGGTC 16

RESULT 464  
 US-10-101-433A-38  
 ; Sequence 38, Application US/10101433A  
 ; Publication No. US20030119726A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Hanscom, Sara  
 ; APPLICANT: Crespi, Charles  
 ; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF  
 ; FILE REFERENCE: G00307/70019  
 ; CURRENT APPLICATION NUMBER: US/10/101,433A  
 ; CURRENT FILING DATE: 2002-03-19  
 ; PRIOR APPLICATION NUMBER: US 60/277,095  
 ; PRIOR FILING DATE: 2001-03-19  
 ; NUMBER OF SEQ ID NOS: 38  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 38  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: Macaca mulatta  
 US-10-101-433A-38

Query Match 0.5%; Score 11.8; DB 1; Length 16;  
 Best Local Similarity 86.7%; Pred. No. 2.5e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 948 TTTAATGTATCGCTA 962  
 DB 1 TTCAATGTTTCGCTA 15

RESULT 465  
 US-10-084-839-2483  
 ; Sequence 2483, Application US/10084839  
 ; Publication No. US20030186238A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Third Wave Technologies  
 ; APPLICANT: Allawi, Hatim  
 ; APPLICANT: Argue, Brad T.  
 ; APPLICANT: Bartholomay, Christian T.  
 ; APPLICANT: Chehak, LuAnne  
 ; APPLICANT: Curtis, Michelle L.  
 ; APPLICANT: Eis, Peggy S.  
 ; APPLICANT: Hall, Jeff G.  
 ; APPLICANT: Ip, Hon S.  
 ; APPLICANT: Ji, Lin  
 ; APPLICANT: Kaiser, Michael  
 ; APPLICANT: Kwiatkowski, Jr., Robert W.

; APPLICANT: Lukowiak, Andrew A.  
 ; APPLICANT: Lyamichchev, Victor  
 ; APPLICANT: Lyamichcheva, Natalie E.  
 ; APPLICANT: Ma, WuPo  
 ; APPLICANT: Neri, Bruce P.  
 ; APPLICANT: Olson, Sarah M.  
 ; APPLICANT: Olson-Munoz, Marilyn C.  
 ; APPLICANT: Schaefer, James J.  
 ; APPLICANT: Skrzypczynski, Zbigniew  
 ; APPLICANT: Takova, Tsetska Y.  
 ; APPLICANT: Thompson, Lisa C.  
 ; APPLICANT: Vedvik, Kevin L.  
 ; TITLE OF INVENTION: RNA Detection Assays  
 ; CURRENT APPLICATION NUMBER: US/10/084,839  
 ; CURRENT FILING DATE: 2002-02-26  
 ; NUMBER OF SEQ ID NOS: 4004  
 ; SOFTWARE: PatentIn Ver. 3.1  
 ; SEQ ID NO 2483  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic  
 US-10-084-839-2483

Query Match 0.5%; Score 11.8; DB 1; Length 16;  
 Best Local Similarity 86.7%; Pred. No. 2.5e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1088 GCTTACCCGCCACCC 1102  
 |||||  
 Db 1 GCTGCACCGCCACCC 15

## RESULT 466

US-10-277-216-367/c  
 ; Sequence 367, Application US/10277216  
 ; Publication No. US20040002470A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: KEITH, TIM  
 ; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,  
 ; FILE REFERENCE: 2976-4051  
 ; CURRENT APPLICATION NUMBER: US/10/277,216  
 ; CURRENT FILING DATE: 2002-10-17  
 ; PRIOR APPLICATION NUMBER: 10/126,022  
 ; PRIOR FILING DATE: 2002-04-19  
 ; PRIOR FILING DATE: 2002-04-19  
 ; PRIOR FILING DATE: 2001-04-13  
 ; PRIOR FILING DATE: 2001-04-13  
 ; PRIOR FILING DATE: 2000-04-13  
 ; NUMBER OF SEQ ID NOS: 420  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 367  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Primer  
 US-10-277-216-367

Query Match 0.5%; Score 11.8; DB 1; Length 16;  
 Best Local Similarity 86.7%; Pred. No. 2.5e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1058 CCCCAACCCAGCT 1072  
 |||||  
 Db 15 CCCCAACCCAGCT 1

## RESULT 467

US-10-126-022-367/c

; Sequence 367, Application US/10126022  
 ; Publication No. US20040023215A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: KEITH, TIM

; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,  
 ; FILE REFERENCE: 2976-4039US2  
 ; CURRENT APPLICATION NUMBER: US/10/126,022  
 ; CURRENT FILING DATE: 2002-04-19  
 ; PRIOR APPLICATION NUMBER: 09/834,597  
 ; PRIOR FILING DATE: 2001-04-13  
 ; PRIOR APPLICATION NUMBER: 09/548,797  
 ; PRIOR FILING DATE: 2000-04-13  
 ; NUMBER OF SEQ ID NOS: 420  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 367  
 ; LENGTH: 16  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Primer  
 US-10-126-022-367

Query Match 0.5%; Score 11.8; DB 1; Length 16;  
 Best Local Similarity 86.7%; Pred. No. 2.5e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1058 CCCCAACCCAGCT 1072  
 |||||  
 Db 15 CCCCAACCCAGCT 1

## RESULT 468

US-09-866-108-8355  
 ; Sequence 8355, Application US/09866108  
 ; Patent No. US20030048800A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670



; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: US 60/234,687  
 ; PRIOR FILING DATE: 2000-09-21  
 ; PRIOR APPLICATION NUMBER: US 60/266,860  
 ; PRIOR FILING DATE: 2001-02-05  
 ; NUMBER OF SEQ ID NOS: 15752  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; SEQ ID NO 8355  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108-8355

Query Match 0.5%; Score 11.8; DB 1; Length 17;  
 Best Local Similarity 86.7%; Pred. No. 2.9e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1713 GCAAGCAGGAGCTAG 1727  
 ||||| |||||  
 Db 1 GCAAGCAGGAGCTGG 15

## RESULT 469

US-10-251-117-90  
 ; Sequence 90, Application US/10251117  
 ; Publication No. US20030170891A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: McSwiggen, James  
 ; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R  
 ; FILE REFERENCE: 900/042 (WBH02-468-A)  
 ; CURRENT APPLICATION NUMBER: US/10/251,117  
 ; CURRENT FILING DATE: 2003-02-24  
 ; PRIOR APPLICATION NUMBER: US 60/393,924  
 ; PRIOR FILING DATE: 2002-07-03  
 ; PRIOR APPLICATION NUMBER: US 10/163,552  
 ; PRIOR FILING DATE: 2002-06-06  
 ; PRIOR APPLICATION NUMBER: US 60/358,580  
 ; PRIOR FILING DATE: 2002-02-20  
 ; PRIOR APPLICATION NUMBER: US 09/916,466  
 ; PRIOR FILING DATE: 2001-07-25  
 ; PRIOR APPLICATION NUMBER: US 60/296,249  
 ; NUMBER OF SEQ ID NOS: 1213  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 90  
 ; LENGTH: 19  
 ; TYPE: RNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense s

## US-10-251-117-90

Query Match 0.5%; Score 11.6; DB 1; Length 19;  
 Best Local Similarity 61.1%; Pred. No. 4.2e+02;  
 Matches 11; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1351 GTGCCCCCGTTGCGCTGG 1368  
 ||||| |||||  
 Db 1 GUGCACACGUGGCCUGG 18

## RESULT 470

US-10-251-117-339/c  
 ; Sequence 339, Application US/10251117  
 ; Publication No. US20030170891A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: McSwiggen, James  
 ; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R  
 ; FILE REFERENCE: 900/042 (WBH02-468-A)

; CURRENT APPLICATION NUMBER: US/10/251,117  
 ; CURRENT FILING DATE: 2003-02-24  
 ; PRIOR APPLICATION NUMBER: US 60/393,924  
 ; PRIOR FILING DATE: 2002-07-03  
 ; PRIOR APPLICATION NUMBER: US 10/163,552  
 ; PRIOR FILING DATE: 2002-06-06  
 ; PRIOR APPLICATION NUMBER: US 60/358,580  
 ; PRIOR FILING DATE: 2002-02-20  
 ; PRIOR APPLICATION NUMBER: US 09/916,466  
 ; PRIOR FILING DATE: 2001-07-25  
 ; PRIOR APPLICATION NUMBER: US 60/296,249  
 ; NUMBER OF SEQ ID NOS: 1213  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 339  
 ; LENGTH: 19  
 ; TYPE: RNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
 ; US-10-251-117-339

## Query Match

Best Local Similarity 0.5%; Score 11.6; DB 1; Length 19;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1351 GTGCCCCCGTTGCGCTGG 1368  
 ||||| |||||  
 Db 19 GTGCACACGTTGCCCTGG 2

## RESULT 471

US-10-289-845-14  
 ; Sequence 14, Application US/10289845  
 ; Publication No. US20030170679A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wood, Linda  
 ; APPLICANT: Wagner, Susanne  
 ; APPLICANT: Parodi, Luis  
 ; TITLE OF INVENTION: Single Nucleotide Polymorphisms in GH-1  
 ; FILE REFERENCE: 00791.US1  
 ; CURRENT APPLICATION NUMBER: US/10/289,845  
 ; CURRENT FILING DATE: 2002-11-07  
 ; NUMBER OF SEQ ID NOS: 51  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 14  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: artificial sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: primer  
 ; US-10-289-845-14

Query Match 0.5%; Score 11.6; DB 1; Length 20;  
 Best Local Similarity 77.8%; Pred. No. 4.6e+02;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 516 CTCCTTCACCGCTTCAGA 533  
 ||||| |||||  
 Db 1 CTCCTTCCTTTTCAGA 18

## RESULT 472

US-09-874-162A-12/c  
 ; Sequence 12, Application US/09874162A  
 ; Patent No. US20020155452A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Koontz, Jason  
 ; APPLICANT: Sklar, Jeffrey  
 ; TITLE OF INVENTION: FUSION OF JAZF1 AND JAZA1 GENES IN  
 ; FILE REFERENCE: 05311-024001  
 ; CURRENT APPLICATION NUMBER: US/09/874,162A

; CURRENT FILING DATE: 2001-06-04  
; PRIOR APPLICATION NUMBER: US 60/209,093  
; PRIOR FILING DATE: 2000-06-02  
; NUMBER OF SEQ ID NOS: 23  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 12  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer for PCR  
US-09-874-162A-12

Query Match 0.5%; Score 11.6; DB 1; Length 20;  
Best Local Similarity 77.8%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1014 TGAAGAGAGGGGAGCT 1031  
DB 18 TGAAGAGAGGGGGTGAT 1

RESULT 473  
US-09-756-186-19  
; Sequence 19, Application US/09756186  
; Patent No. US2001014333A1  
; GENERAL INFORMATION:  
; APPLICANT: Campbell, Robert K.  
; APPLICANT: Jameson, Bradford A.  
; APPLICANT: Chappel, Scott C.  
; TITLE OF INVENTION: HYBRID PROTEINS  
; NUMBER OF SEQUENCES: 22  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEWMARK  
; STREET: 419 Seventh Street N.W., Ste. 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 22207

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/756,186  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/804,166  
; FILING DATE:  
; CLASSIFICATION:

; ATTORNEY/AGENT INFORMATION:  
; NAME: Browdy, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: CAMPBELL-2A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 628-5197  
; TELEFAX: (202) 737-3528  
; INFORMATION FOR SEQ ID NO: 19:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-09-756-186-19

Query Match 0.5%; Score 11.6; DB 1; Length 21;  
Best Local Similarity 77.8%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 35 TGGAGCCTCAGTCCAGAG 52

DB 3 TGGTGCCTCAGTCCCTCAG 20

RESULT 474  
US-09-899-422-9/c  
; Sequence 9, Application US/09899422  
; Patent No. US20020090676A1  
; GENERAL INFORMATION:  
; APPLICANT: Hauptmann, Rudolph  
; APPLICANT: Himmler, Adolph  
; APPLICANT: Maurer-Fogsy, Ingrid  
; APPLICANT: Stratowa, Christian  
; TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for  
; FILE REFERENCE: 98,385-H  
; CURRENT APPLICATION NUMBER: US/09/899,422  
; CURRENT FILING DATE: 2001-08-21  
; PRIOR APPLICATION NUMBER: 09/525,998  
; PRIOR FILING DATE: 2000-03-15  
; PRIOR APPLICATION NUMBER: 08/383,676  
; PRIOR FILING DATE: 1995-02-01  
; PRIOR APPLICATION NUMBER: 08/153,287  
; PRIOR FILING DATE: 1993-11-17  
; PRIOR APPLICATION NUMBER: 07/821,750  
; PRIOR FILING DATE: 1992-01-02  
; PRIOR APPLICATION NUMBER: 07/511,430  
; NUMBER OF SEQ ID NOS: 87  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 9  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1)..(30)  
US-09-899-422-9

Query Match 0.5%; Score 11.6; DB 1; Length 30;  
Best Local Similarity 77.8%; Pred. No. 6.7e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 35 TGGAGCCTCAGTCCAGAG 52

DB 28 TGGTGCCTCAGTCCCTCAG 11

RESULT 475  
US-09-898-234-9/c  
; Sequence 9, Application US/09898234  
; Patent No. US20020155112A1  
; GENERAL INFORMATION:  
; APPLICANT: Hauptmann, Rudolph  
; APPLICANT: Himmler, Adolph  
; APPLICANT: Maurer-Fogsy, Ingrid  
; APPLICANT: Stratowa, Christian  
; TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for  
; FILE REFERENCE: 98,385-I  
; CURRENT APPLICATION NUMBER: US/09/898,234  
; CURRENT FILING DATE: 2001-07-03  
; PRIOR APPLICATION NUMBER: 09/525,998  
; PRIOR FILING DATE: 2000-03-15  
; PRIOR APPLICATION NUMBER: 08/383,676  
; PRIOR FILING DATE: 1995-02-01  
; PRIOR APPLICATION NUMBER: 08/153,287  
; PRIOR FILING DATE: 1993-11-17  
; PRIOR APPLICATION NUMBER: 07/821,750  
; PRIOR FILING DATE: 1992-01-02  
; PRIOR APPLICATION NUMBER: 07/511,430  
; NUMBER OF SEQ ID NOS: 87

```
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(30)
US-09-898-234-9
```

```
Query Match          0.5%; Score 11.6; DB 1; Length 30;
Best Local Similarity 77.8%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 35 TGGAGCCTCAGTCCAGAG 52
Db 28 TGGTGCCTGAGTCTCAG 11
```

```
RESULT 476
US-09-792-356-9/c
; Sequence 9, Application US/09792356
; Publication No. US20020183485A1
; GENERAL INFORMATION:
; APPLICANT: Hauptmann, Rudolph
; APPLICANT: Himmeler, Adolph
; APPLICANT: Maurer-Fogy, Ingrid
; APPLICANT: Stratowa, Christian
; TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for
; FILE OF INVENTION: Them
; FILE REFERENCE: 98,385-G
; CURRENT APPLICATION NUMBER: US/09/792,356
; CURRENT FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 08/477,639
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 08/383,676
; PRIOR FILING DATE: 1995-02-01
; PRIOR APPLICATION NUMBER: 08/153,287
; PRIOR FILING DATE: 1993-11-17
; PRIOR APPLICATION NUMBER: 07/821,750
; PRIOR FILING DATE: 1992-01-02
; PRIOR APPLICATION NUMBER: 07/511,430
; PRIOR FILING DATE: 1990-04-20
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(30)
US-09-792-356-9
```

```
Query Match          0.5%; Score 11.6; DB 1; Length 30;
Best Local Similarity 77.8%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 35 TGGAGCCTCAGTCCAGAG 52
Db 28 TGGTGCCTGAGTCTCAG 11
```

```
RESULT 477
US-09-365-029-78/c
; Sequence 78, Application US/09365029
; Patent No. US20010021772A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, Eugen
; APPLICANT: PEYMAN, Anuschirwan
; APPLICANT: BITONTI, Alan J
; APPLICANT: WOESSNER, Richard D.
; TITLE OF INVENTION: SHORT OLIGONUCLEOTIDES FOR THE INHIBITION OF VEGF
```

```
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 26083/208
; CURRENT APPLICATION NUMBER: US/09/365,029
; CURRENT FILING DATE: 1999-08-02
; EARLIER APPLICATION NUMBER: EP 98114853.9
; EARLIER FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 78
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: VEGF antisense
; OTHER INFORMATION: oligonucleotide
US-09-365-029-78
```

```
Query Match          0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1084 CCAGGCTTCACCC 1096
Db 13 CCAGGCTGCACCC 1
```

```
RESULT 478
US-09-557-423-9/c
; Sequence 9, Application US/09557423
; Patent No. US20020094555A1
; GENERAL INFORMATION:
; APPLICANT: Belotserkovskii, Boris
; APPLICANT: Reddy, Gurucharan
; APPLICANT: Zarling, David A.
; TITLE OF INVENTION: Locked Nucleic Acid Hybrids and Methods of Use
; FILE REFERENCE: A-68112-1/RT/BMS/BTC
; CURRENT APPLICATION NUMBER: US/09/557,423
; CURRENT FILING DATE: 2000-04-21
; PRIOR APPLICATION NUMBER: USSN 60/130,345
; PRIOR FILING DATE: 1999-04-21
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Quadruplex
; OTHER INFORMATION: forming DNA
US-09-557-423-9
```

```
Query Match          0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1250 ACCCCATCCCAA 1262
Db 13 ACCCCAAACCCCAA 1
```

```
RESULT 479
US-10-146-058-102/c
; Sequence 102, Application US/10146058
; Publication No. US20030040499A1
; GENERAL INFORMATION:
; APPLICANT: Schlengersien, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlengersien, Karl-Hermann
; APPLICANT: Schlengersien, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; OTHER INFORMATION: immuno-suppressive effect of transforming-growth-factor bet.
; NUMBER OF SEQUENCES: 137
```

;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Jacobson, Price, Holman & Stern  
;; STREET: 400 Seventh St. N.W.  
;; CITY: Washington D.C.  
;; COUNTRY: U.S.A.  
;; ZIP: 20004  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/10/146,058  
;; FILING DATE:  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/535,249  
;; FILING DATE:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: EP 93 107 089.0  
;; FILING DATE: 30-APR-1993  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: EP 93 107 849.7  
;; FILING DATE: 13-MAY-1993  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Player, William E.  
;; REGISTRATION NUMBER: 31,409  
;; REFERENCE/DOCKET NUMBER: 10577/P58418  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (202) 638-6666  
;; TELEFAX: (202) 393-5350  
;; TELEX: RCA 248593 IDEA UR  
;; INFORMATION FOR SEQ ID NO: 102:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 14 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: unknown  
;; TOPOLOGY: unknown  
;; MOLECULE TYPE: DNA (genomic)  
;; ANTI-SENSE: YES  
US-10-146-058-102

Query Match 0.5%; Score 11.4; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 2.2e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1143 CTCACCTATACC 1155  
Db 13 CTCACATATACC 1

RESULT 480  
US-10-038-335-3/c  
; Sequence 3, Application US/10038335  
; Publication No. US20030096776A1  
; GENERAL INFORMATION:  
; APPLICANT: Ecker, David J.  
; APPLICANT: Wyatt, Jacqueline  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Hanecak, Ronnie  
; APPLICANT: Brown-Driver, Vickie  
; APPLICANT: Vickers, Timothy  
; APPLICANT: Chiang, Ming-yi  
; APPLICANT: Anderson, Kevin  
; TITLE OF INVENTION: Modulation Of Telomere Length By Oligonucleotides Having A G-Core  
; TITLE OF INVENTION: Sequence  
; FILE REFERENCE: ISIS-4976  
; CURRENT APPLICATION NUMBER: US/10/038,335  
; PRIOR FILING DATE: 2001-01-02  
; PRIOR APPLICATION NUMBER: 09/299,058  
; PRIOR FILING DATE: 1999-04-23  
; PRIOR APPLICATION NUMBER: 08/403,888  
; PRIOR FILING DATE: 1995-06-12

;; PRIOR APPLICATION NUMBER: PCT/US93/09297  
;; PRIOR FILING DATE: 1993-09-29  
;; PRIOR APPLICATION NUMBER: 07/954,185  
;; PRIOR FILING DATE: 1992-09-29  
;; NUMBER OF SEQ ID NOS: 10  
;; SOFTWARE: PatentIn version 3.1  
;; SEQ ID NO 3  
;; LENGTH: 14  
;; TYPE: DNA  
;; ORGANISM: No. US20030096776A1el sequence  
;; FEATURE:  
;; OTHER INFORMATION: Antisense sequence  
US-10-038-335-3

Query Match 0.5%; Score 11.4; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 2.2e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1250 ACCCATCCCCAA 1262  
Db 13 ACCCATCCCCAA 1

RESULT 481  
US-10-091-281-175  
; Sequence 175, Application US/10091281  
; Publication No. US20030190617A1  
; GENERAL INFORMATION:  
; APPLICANT: RAYMOND, VINCENT  
; APPLICANT: SI, ERWIN  
; APPLICANT: MORISSETTE, JEAN  
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF  
; FILE REFERENCE: 13587.338  
; CURRENT APPLICATION NUMBER: US/10/091,281  
; CURRENT FILING DATE: 2002-03-06  
; NUMBER OF SEQ ID NOS: 463  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 175  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Putative SRFF/SRF.02 motif  
US-10-091-281-175

Query Match 0.5%; Score 11.4; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 2.2e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 844 CCCCATTTGAGA 856  
Db 1 CCCCATTTGGA 13

RESULT 482  
US-09-504-231A-1537  
; Sequence 1537, Application US/09504231A  
; Patent No. US20020013458A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL  
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION  
; FILE REFERENCE: ID 247/282  
; CURRENT APPLICATION NUMBER: US/09/504,231A  
; CURRENT FILING DATE: 2000-02-15  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/274,553  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24

; FILE REFERENCE: 60/100,842  
; CURRENT APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3242  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1537  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-504-231A-1537

Query Match 0.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 76.9%; Pred. No. 2.6e+02;  
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCCCTATCAG 1212  
| | | | | : | | | | |  
Db 3 AGCACCCUACAG 15

## RESULT 483

US-09-274-553D-1537  
; Sequence 1537, Application US/09274553D  
; Patent No. US20020082225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McGswiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATED  
; FILE REFERENCE: Hepatitis C Virus Infection  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; CURRENT FILING DATE: 1999-03-23  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1537  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-1537

Query Match 0.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 76.9%; Pred. No. 2.6e+02;  
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCCCTATCAG 1212  
| | | | | : | | | | |  
Db 3 AGCACCCUACAG 15

## RESULT 484

US-09-800-266A-99  
; Sequence 99, Application US/09800266A  
; Patent No. US20020156033A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids and  
; TITLE OF INVENTION: Cancer Medicament Combination Therapy for the Treatment of  
; TITLE OF INVENTION: Cancer

; FILE REFERENCE: C1037/7017(HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/800,266A  
; CURRENT FILING DATE: 2001-03-05  
; PRIOR APPLICATION NUMBER: US 60/187,214  
; PRIOR FILING DATE: 2000-03-03  
; NUMBER OF SEQ ID NOS: 146  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 99  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-800-266A-99

Query Match 0.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1019 AACAGGGGGAGCT 1031  
| | | | | : | | | | |  
Db 3 ATCAGGGGGAGCT 15

## RESULT 485

US-09-935-194-15  
; Sequence 15, Application US/09935194  
; Patent No. US20020160450A1  
; GENERAL INFORMATION:  
; APPLICANT: Bucciarelli  
; APPLICANT: Levenson  
; APPLICANT: Primiano  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INCREASING PROTEIN YIELD  
; FILE REFERENCE: FROM A CELL CULTURE  
; CURRENT APPLICATION NUMBER: US/09/935,194  
; CURRENT FILING DATE: 2001-08-21  
; PRIOR APPLICATION NUMBER: 60/226,290  
; PRIOR FILING DATE: 2000-08-21  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 15  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: tetracycline  
; OTHER INFORMATION: operator  
US-09-935-194-15

Query Match 0.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1204 CCCTATCAGGGG 1216  
| | | | | : | | | | |  
Db 2 CCCTATCAGGGAG 14

## RESULT 486

US-09-826-290-483  
; Sequence 483, Application US/09826290  
; Patent No. US20020164668A1  
; GENERAL INFORMATION:  
; APPLICANT: Durham, L. Kathryn  
; APPLICANT: Friedman, David L.  
; APPLICANT: Herath, Herath Mudiyanseelage Athula Chandrasiri  
; APPLICANT: Kimmel, Lida H.  
; APPLICANT: Parekh, Rajesh Bhikhu  
; APPLICANT: Potter, David M.  
; APPLICANT: Rohlf, Christian  
; APPLICANT: Silber, B. Michael  
; APPLICANT: Stiger, Thomas R.

```
; APPLICANT: Sunderland, P. Trey
; APPLICANT: Townsend, Robert Reid
; APPLICANT: White, Frost
; APPLICANT: Williams, Stephen A.
; TITLE OF INVENTION: Nucleic Acid Molecules, Polypeptides and
; TITLE OF INVENTION: Uses Therefor, Including Diagnosis and Treatment of
; FILE REFERENCE: 2572-1-001 N2
; CURRENT APPLICATION NUMBER: US/09/826,290
; PRIOR FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 60/194,504
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: US 60/253,647
; NUMBER OF SEQ ID NOS: 492
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 483
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)-(15)
; OTHER INFORMATION: primer
US-09-826-290-483

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1098 CACCTGGGCTTC 1110
Db 3 CCCCCTGGGCTTC 15

RESULT 487
US-09-895-007A-99
; Sequence 99, Application US/09895007A
; Patent No. US20020165178A1
; GENERAL INFORMATION:
; APPLICANT: Schetter, Christian
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
; TITLE OF INVENTION: TREATMENT OF ANEMIA, THROMBOCYTOPENIA, AND NEUTROPENIA
; FILE REFERENCE: C1041/7014 (AWS)
; CURRENT APPLICATION NUMBER: US/09/895,007A
; CURRENT FILING DATE: 2001-06-28
; PRIOR FILING DATE: 2000-06-28
; NUMBER OF SEQ ID NOS: 133
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 99
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-895-007A-99

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1019 AAGAGGGGGAGCT 1031
Db 3 ATGAGGGGGAGCT 15

RESULT 488
US-09-864-785-3747
; Sequence 3747, Application US/09864785
; Patent No. US20020177568A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel.
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3747
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-3747

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 2.6e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1027 GAGCTTGAAGGAA 1039
Db 3 GAGCUUGUAGGAA 15

RESULT 489
US-09-920-313-99
; Sequence 99, Application US/09920313
; Publication No. US20020198165A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Nucleic Acids for the Prevention and
; TITLE OF INVENTION: Treatment of Gastric Ulcers
; FILE REFERENCE: C1037/7019 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/920,313
; CURRENT FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: US 60/222,248
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 99
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-920-313-99

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1019 AAGAGGGGGAGCT 1031
Db 3 ATGAGGGGGAGCT 15

RESULT 490
US-09-848-754A-9159/c
; Sequence 9159, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
```

```
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9159
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid
US-09-848-754A-9159

Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 864 GGGCACTGAGGAC 876
Db 15 GGGCACTGAGGAC 3

RESULT 491
US-09-979-593-8/c
; Sequence 8, Application US/09979593
; Publication No. US20030082555A1
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals, Inc.
; APPLICANT: Chew, Anne
; APPLICANT: Choi, Julie Y
; APPLICANT: Denton, R. Rex
; APPLICANT: Kliem, Stefanie E
; APPLICANT: Lee, Helen H
; APPLICANT: Mandabalan, Krishnan
; TITLE OF INVENTION: HAPLOTYPES OF THE ICAM2 GENE
; FILE REFERENCE: MWH-0425 PCT-ICAM2
; CURRENT APPLICATION NUMBER: US/09/979,593
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: PCT/US01/14714
; PRIOR FILING DATE: 2001-05-07
; PRIOR APPLICATION NUMBER: 60/201,946
; PRIOR FILING DATE: 2000-05-05
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-979-593-8

Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 862 AGGGCACTGAGGAC 876
Db 15 AAGGTCAATGGGAC 1

RESULT 492
US-09-776-479-916
; Sequence 916, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: Fast-SEQ for Windows Version 3.0

; SEQ ID NO 916
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-916

Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1019 AAGAGGGGGAGCT 1031
Db 3 ATGAGGGGGAGCT 15

RESULT 493
US-09-912-673A-22/c
; Sequence 22, Application US/09912673A
; Publication No. US20030186230A1
; GENERAL INFORMATION:
; APPLICANT: Ye, Bangce
; TITLE OF INVENTION: MEDIUM AND LOW DENSITY GENE CHIPS
; FILE REFERENCE: JNB 100
; CURRENT APPLICATION NUMBER: US/09/912,673A
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Beta (19) 1 DNA probe
US-09-912-673A-22

Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCT 1138
Db 14 TCCACGTTCACCT 2

RESULT 494
US-10-056-414-224
; Sequence 224, Application US/10056414
; Publication No. US20030003469A1
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; SUITE: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
```

/ APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.  
 /  
 / TITLE OF INVENTION: Methanococcus jannaschii complete genome.  
 /  
 / FILE REFERENCE: Jim Zeger Law Offices - 703-684-8333  
 /  
 / CURRENT APPLICATION NUMBER: US/10/287,919



```
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 207
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (52071)...(52085)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 242
US-10-287-919-207

Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 768 TTTCTTCTTAAGA 780
Db 15 TTTGTTTCTTAAGA 3

RESULT 499
US-10-287-919-2417/c
; Sequence 2417, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 2417
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1497130)...(1497144)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 3097
US-10-287-919-2417

Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 768 TTTCTTCTTAAGA 780
Db 15 TTTGTTTCTTAAGA 3

RESULT 500
US-10-319-369-3/c
; Sequence 3, Application US/10319369
; Publication No. US20030148352A1
; GENERAL INFORMATION:
; APPLICANT: Glazer, Peter W.
; TITLE OF INVENTION: INTRACELLULAR GENERATION OF SINGLE-STRANDED DNA FOR CHROMOSOMAL RECOMBINATION
; FILE REFERENCE: YU 1224
; CURRENT APPLICATION NUMBER: US/10/319,369
; PRIOR FILING DATE: 2002-12-13
; PRIOR APPLICATION NUMBER: 60/340,803
; PRIOR FILING DATE: 2001-12-14
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide PCR primer to AG34 (or) rev34
US-10-319-369-3
```

```
Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1021 GAGGGGAGCTTG 1033
Db 13 GAGGGGAGCCTG 1

RESULT 501
US-10-292-198-64/c
; Sequence 64, Application US/10292198
; Publication No. US20030157654A1
; GENERAL INFORMATION:
; APPLICANT: SHEN, Ben
; APPLICANT: LIU, Wen
; TITLE OF INVENTION: BIOSYNTHESIS OF ENEDIYNE COMPOUNDS BY MANIPULATION OF C-1027 GEN
; FILE REFERENCE: 054030-0007
; CURRENT APPLICATION NUMBER: US/10/292,198
; CURRENT FILING DATE: 2003-03-14
; PRIOR APPLICATION NUMBER: US 10/159,257
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: US 09/478,188
; PRIOR FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: US 60/115,434
; PRIOR FILING DATE: 1999-01-06
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 64
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Streptomyces globisporus
US-10-292-198-64

Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1130 CTTTCACTCCAG 1142
Db 14 CTTTCACTCCTG 2

RESULT 502
US-10-202-824-29
; Sequence 29, Application US/10202824
; Publication No. US20030176648A1
; GENERAL INFORMATION:
; APPLICANT: Wood, John N.
; APPLICANT: Akopian, Armen N.
; TITLE OF INVENTION: Ion Channel
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZENECA Pharmaceuticals
; STREET: 1800 Concord Pike, P.O. Box 15437
; CITY: Wilmington
; STATE: Delaware
; COUNTRY: USA
; ZIP: 19850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/202,824
; FILING DATE: 26-Jul-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/669,656
; FILING DATE: 24-JUN-1996
```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Hohenschuetz, Liza D.
; REGISTRATION NUMBER: 33,712
; REFERENCE/DOCKET NUMBER: PHM.70086
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (302) 886-7466
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-10-202-824-29

Query Match          0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1006 TCGACACCTGAAA 1018
DB 2 TCGACACCAAGAAA 14

RESULT 503
US-10-440-850-19
; Sequence 19, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; TITLE OF INVENTION: Immune Responses
; FILE REFERENCE: 250/130 (MBHB00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-19

Query Match          0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 2.6e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 806 ACTGTAGAAAG 818
DB 3 ACUGUAGAAGAG 15

RESULT 504
US-10-271-602B-184
; Sequence 184, Application US/10271602B
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
; FILE REFERENCE: eMAP-US
; CURRENT APPLICATION NUMBER: US/10/271,602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 192
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe sequence derived from human genomic sequence
US-10-271-602B-192

Query Match          0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1152 TACCCCGGTGAC 1164
DB 3 TACCCCGGTGAC 15

RESULT 505
US-10-271-602B-192
; Sequence 192, Application US/10271602B
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
; FILE REFERENCE: eMAP-US
; CURRENT APPLICATION NUMBER: US/10/271,602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 192
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe sequence derived from human genomic sequence
US-10-271-602B-192

Query Match          0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1152 TACCCCGGTGAC 1164
DB 3 TACCCCGGTGAC 15
```

795 CTCCTGTAGTAAAC 807  
|||||  
Db 14 CTCAGTAGTAAAC 2

RESULT 508  
US-10-264-309-484  
; Sequence 484, Application US/10264309  
; Publication No. US20040022794A1  
; GENERAL INFORMATION:  
; APPLICANT: DURHAM, L. KATHRYN  
; APPLICANT: FRIEDMAN, DAVID L.  
; APPLICANT: HERATH, HERATH  
; APPLICANT: KIMMEL, LIDA H.  
; APPLICANT: PAREKH, RAJESH B.  
; APPLICANT: POTTER, DAVID M.  
; APPLICANT: ROHLF, CHRISTIAN  
; APPLICANT: SILBER, B. MICHAEL  
; APPLICANT: SNYDER, PETER J.  
; APPLICANT: SOARES, HOLLY D.  
; APPLICANT: STIGER, THOMAS R.  
; APPLICANT: SUNDERLAND, P. TREY  
; APPLICANT: TOWNSEND, ROBERT R.  
; APPLICANT: WHITE, W. FROST  
; APPLICANT: WILLIAMS, STEPHEN A.  
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES, POLYPEPTIDES AND USES THEREFOR,  
; INCLUDING DIAGNOSIS AND TREATMENT OF ALZHEIMER'S DISEASE  
; FILE REFERENCE: POA-002.01  
; CURRENT APPLICATION NUMBER: US/10/264,309  
; CURRENT FILING DATE: 2002-10-03  
; PRIOR APPLICATION NUMBER: 60/326,708  
; PRIOR FILING DATE: 2001-10-03  
; NUMBER OF SEQ ID NOS: 491  
; SOFTWARE: Patent in Version 2.1  
; SEQ ID NO 484  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: DNA probe  
US-10-264-309-484

Query Match 0.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1098 CACCCTGGGCTTC 1110  
Db 3 CCCCCCTGGGCTTC 15

RESULT 509  
US-10-084-839-3223/c  
; Sequence 3223, Application US/10084839  
; Publication No. US20030186238A1  
; GENERAL INFORMATION:  
; APPLICANT: Third Wave Technologies  
; APPLICANT: Allawi, Hatim  
; APPLICANT: Argue, Brad T.  
; APPLICANT: Bartholomay, Christian T.  
; APPLICANT: Chehak, LuAnne  
; APPLICANT: Curtis, Michelle L.  
; APPLICANT: Eis, Peggy S.  
; APPLICANT: Hall, Jeff G.  
; APPLICANT: Ip, Hon S.  
; APPLICANT: Ji, Lin  
; APPLICANT: Kaiser, Michael  
; APPLICANT: Kwiatkowski, Jr., Robert W.  
; APPLICANT: Lukowiak, Andrew A.  
; APPLICANT: Lyamichev, Victor  
; APPLICANT: Lymaicheva, Natalie E.  
; APPLICANT: Ma, WuPo

795 CTCCTGTAGTAAAC 807  
|||||  
Db 14 CTCAGTAGTAAAC 2

RESULT 506  
US-10-271-602B-200  
; Sequence 200, Application US/10271602B  
; Publication No. US20040002073A1  
; GENERAL INFORMATION:  
; APPLICANT: Alice Xiang Li  
; APPLICANT: Ghazala Hashmi  
; APPLICANT: Michael Seul  
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI  
; BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION  
; FILE REFERENCE: eWAP-US  
; CURRENT APPLICATION NUMBER: US/10/271,602B  
; CURRENT FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/329,427  
; PRIOR FILING DATE: 2001-10-14  
; PRIOR APPLICATION NUMBER: 60/329,620  
; PRIOR FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 60/329,428  
; PRIOR FILING DATE: 2001-10-14  
; PRIOR APPLICATION NUMBER: 60/329,619  
; PRIOR FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 60/364,416  
; PRIOR FILING DATE: 2002-03-14  
; NUMBER OF SEQ ID NOS: 212  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 200  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Probe sequence derived from human genomic sequence  
US-10-271-602B-200

Query Match 0.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1152 TACCCCGGTGAC 1164  
Db 3 TACCCCGGTGAC 15

RESULT 507  
US-10-338-366-25/c  
; Sequence 25, Application US/10338366  
; Publication No. US20040006215A1  
; GENERAL INFORMATION:  
; APPLICANT: Keler, Tibor  
; APPLICANT: Trembl, John  
; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES AGAINST CD30  
; CURRENT APPLICATION NUMBER: US/10/338,366  
; CURRENT FILING DATE: 2003-01-07  
; PRIOR APPLICATION NUMBER: US 60/347649  
; PRIOR FILING DATE: 2002-01-09  
; PRIOR APPLICATION NUMBER: US 60/404427  
; PRIOR FILING DATE: 2002-08-19  
; PRIOR APPLICATION NUMBER: US 60/431684  
; PRIOR FILING DATE: 2002-12-06  
; NUMBER OF SEQ ID NOS: 53  
; SOFTWARE: Fast-SEQ for Windows Version 4.0  
; SEQ ID NO 25  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-338-366-25

Query Match 0.5%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Teetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3223
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-3223

Query Match          0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1198 GCACCACCATC 1210
Db 14 GCACCACCATC 2

RESULT 510
US-10-091-281-174/c
; Sequence 174, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISETTE, JEAN
; TITLE OF INVENTION: OPINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 174
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative ECAT/NFY.01 motif
US-10-091-281-174

Query Match          0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 844 CCCGAGTTGGA 856
Db 16 CCCGAGTTGGA 4

RESULT 511
US-10-091-281-378/c
; Sequence 378, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISETTE, JEAN
; TITLE OF INVENTION: OPINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281

Query Match          0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 885 CACAGTGTGTG 897
Db 1 CACAGTGTGTG 13

RESULT 513
US-09-780-533A-2378
; Sequence 2378, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MEH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797

; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative LYMF/THIB47.01 motif
US-10-091-281-378

Query Match          0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1057 GCCCAACCCAA 1069
Db 15 GCCCAACCCAA 3

RESULT 512
US-10-321-039-718
; Sequence 718, Application US/10321039
; Publication No. US20040014067A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lukowiak, Andrew
; APPLICANT: Jarvis, Nancy
; APPLICANT: Kurensky, David
; TITLE OF INVENTION: Amplification Methods and Compositions
; FILE REFERENCE: FORS-06960
; CURRENT APPLICATION NUMBER: US/10/321,039
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: 09/998,157
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/329,113
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/360,489
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 759
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 718
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-321-039-718

Query Match          0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 885 CACAGTGTGTG 897
Db 1 CACAGTGTGTG 13
```

```

; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2378
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2378

Query Match      0.5%; Score 11.4; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 3.6e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1506 GCTGGAGCTGCTG 1518
    |||||:|:|:|
Db 5 GCUGAGGUGCUG 17

RESULT 514
US-09-827-395A-527/c
; Sequence 527, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowhira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH800-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 527
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-527

Query Match      0.5%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 627 GTGGGCTGCAGG 639
    |||||:|:|:|
Db 16 GTGAGGCTGCAGG 4

RESULT 515
US-10-349-977-2
; Sequence 2, Application US/10349977
; Publication No. US20040013646A1
; GENERAL INFORMATION:
; APPLICANT: WALLACH, David
; APPLICANT: BOLDIN, Mark
; APPLICANT: METT, Igor
; APPLICANT: VARFOLOMEEV, Eugene
; TITLE OF INVENTION: MODULATOR OF TNF/NGF SUPERFAMILY RECEPTORS
; AND SOLUBLE OLIGOMERIC TNF/NGF SUPERFAMILY RECEPTORS
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

```

```

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/349,977
; FILING DATE: 24-Jan-2003
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/747,562
; FILING DATE: 11-MAY-1995
; APPLICATION NUMBER: PCT/US95/05854
; FILING DATE: 11-MAY-1994
; APPLICATION NUMBER: IL 109,632
; FILING DATE: 02-OCT-1994
; APPLICATION NUMBER: IL 111,125
; FILING DATE: 02-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH=15A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-349-977-2

Query Match      0.5%; Score 11.4; DB 1; Length 28;
Best Local Similarity 71.4%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1827 CGTGGCTCAAGAGCTGAGT 1847
    |||||:|:|:|
Db 4 CGTGGACTGTGGTGCCTGAGT 24

RESULT 516
US-09-811-045A-4
; Sequence 4, Application US/09811045A
; Patent No. US20020035080A1
; GENERAL INFORMATION:
; APPLICANT: Scott, Robert E.
; TITLE OF INVENTION: cDNA encoding P2P proteins and use of P2P cDNA-
; derived antibodies and antisense reagents
; TITLE OF INVENTION: in determining the proliferative potential of
; TITLE OF INVENTION: normal, abnormal and cancer cells in animals
; TITLE OF INVENTION: and humans
; FILE REFERENCE: D6386D
; CURRENT APPLICATION NUMBER: US/09/811,045A
; CURRENT FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: US 08/801,308
; PRIOR FILING DATE: 1997-02-18
; NUMBER OF SEQ ID NOS: 4
; SEQ ID NO 4
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; NAME/KEY: primer bind
; OTHER INFORMATION: P2P sense oligonucleotide
; US-09-811-045A-4

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1043 CTACTAAGCCCTGGC 1058
    |||||:|:|:|

```



```

; TYPE: DNA
; ORGANISM: H. sapiens
US-10-206-839-15

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 874 GACTCAGGCACACAG 889
    |||||
Db 1 GACTCAGGCACAGG 16

RESULT 521
US-10-108-164-7
; Sequence 7, Application US/10108164
; Publication No. US20030104356A1
; GENERAL INFORMATION:
; APPLICANT: Berger, Shelley L.
; APPLICANT: Fraser, Nigel W.
; APPLICANT: Tal-Singer, Ruth
; APPLICANT: Leary, Jeffrey J.
; TITLE OF INVENTION: Compounds And Methods For Treating And
; TITLE OF INVENTION: Screening Viral Reactivation
; FILE REFERENCE: P50682C1
; CURRENT APPLICATION NUMBER: US/10/108,164
; CURRENT FILING DATE: 2002-03-26
; PRIOR FILING DATE: 09/424,348
; PRIOR FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: PCT/US98/13733
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/051,633
; PRIOR FILING DATE: 1997-07-03
; PRIOR APPLICATION NUMBER: 60/054,515
; PRIOR FILING DATE: 1997-08-01
; PRIOR APPLICATION NUMBER: 60/080,352
; PRIOR FILING DATE: 1998-04-01
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Herpes simplex virus
US-10-108-164-7

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGC 1143
    |||||
Db 1 CACCATCACTCCACC 16

RESULT 522
US-10-184-385-15
; Sequence 15, Application US/10184385
; Publication No. US20030172395A1
; GENERAL INFORMATION:
; APPLICANT: Chiang, Vincent Lee C.
; APPLICANT: Tsai, Chung-Jui
; APPLICANT: Hu, Wen-Jing
; TITLE OF INVENTION: GENETIC ENGINEERING OF TREES THROUGH MANIPULATION OF LIGNIN
; TITLE OF INVENTION: BIOSYNTHESIS
; FILE REFERENCE: 66040/9651
; CURRENT APPLICATION NUMBER: US/10/184,385
; CURRENT FILING DATE: 2002-06-27
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Word 97 (DOS text format)
; SEQ ID NO 15
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Populus tremuloides Michx. (aspen)

```

```

US-10-184-385-15

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1252 CCCATCCCCCAACCCCC 1267
    |||||
Db 1 CCTTTCACCAACCCCC 16

RESULT 523
US-10-084-839-1871/c
; Sequence 1871, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: IP, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Teetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1871
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1871

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1178 CGCTCCCCCGCAGAGA 1193
    |||||
Db 16 CGCCTCCCTGCTGAGA 1

RESULT 524
US-10-084-839-3073/c
; Sequence 3073, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne

```

APPLICANT: Curtis, Michelle L.  
APPLICANT: Eis, Peggy S.  
APPLICANT: Hall, Jeff G.  
APPLICANT: Ip, Hon S.  
APPLICANT: Ji, Lin  
APPLICANT: Kaiser, Michael  
APPLICANT: Kwiatkowski, Jr., Robert W.  
APPLICANT: Lukowiak, Andrew A.  
APPLICANT: Lyamichiev, Victor  
APPLICANT: Lymaicheva, Natalie E.  
APPLICANT: Ma, WuPo  
APPLICANT: Neri, Bruce P.  
APPLICANT: Olson, Sarah M.  
APPLICANT: Olson-Munoz, Marilyn C.  
APPLICANT: Schaefer, James J.  
APPLICANT: Skrzypczynski, Zbigniew  
APPLICANT: Takova, Tsetska Y.  
APPLICANT: Thompson, Lisa C.  
APPLICANT: Vedvik, Kevin L.  
TITLE OF INVENTION: RNA Detection Assays  
FILE REFERENCE: FORS-06666  
CURRENT APPLICATION NUMBER: US/10/084,839  
CURRENT FILING DATE: 2002-02-26  
NUMBER OF SEQ ID NOS: 4004  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 3073  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-10-084-839-3073

Query Match 0.5%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 3.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 741 GAACACCGTGTGCACC 756  
DB 16 GATCACCTTCGCACC 1

RESULT 525  
US-10-092-885-18/c  
Sequence 18, Application US/10092885  
Publication No. US20030190618A1  
GENERAL INFORMATION:  
APPLICANT: SAMAL, BABRU  
APPLICANT: LI, YUAN  
APPLICANT: HERMIDA, LEANDRO C.  
APPLICANT: HOPPA, NANCY L.  
APPLICANT: JOHE, KARL K.  
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG  
FILE REFERENCE: 0109015/026  
CURRENT APPLICATION NUMBER: US/10/092,885  
CURRENT FILING DATE: 2002-03-06  
NUMBER OF SEQ ID NOS: 60  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 18  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-092-885-18

Query Match 0.5%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 3.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1119 GCCCAGTTCACCTTC 1134  
DB 16 GCACAGCTGCACCTTC 1

RESULT 526  
US-10-092-885-32/c  
Sequence 32, Application US/10092885  
Publication No. US20030190618A1  
GENERAL INFORMATION:  
APPLICANT: SAMAL, BABRU  
APPLICANT: LI, YUAN  
APPLICANT: HERMIDA, LEANDRO C.  
APPLICANT: HOPPA, NANCY L.  
APPLICANT: JOHE, KARL K.  
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG  
FILE REFERENCE: 0109015/026  
CURRENT APPLICATION NUMBER: US/10/092,885  
CURRENT FILING DATE: 2002-03-06  
NUMBER OF SEQ ID NOS: 60  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 32  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-092-885-32

Query Match 0.5%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 3.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1119 GCCCAGTTCACCTTC 1134  
DB 16 GCACAGCTGCACCTTC 1

RESULT 527  
US-10-092-885-57/c  
Sequence 57, Application US/10092885  
Publication No. US20030190618A1  
GENERAL INFORMATION:  
APPLICANT: SAMAL, BABRU  
APPLICANT: LI, YUAN  
APPLICANT: HERMIDA, LEANDRO C.  
APPLICANT: HOPPA, NANCY L.  
APPLICANT: JOHE, KARL K.  
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG  
FILE REFERENCE: 0109015/026  
CURRENT APPLICATION NUMBER: US/10/092,885  
CURRENT FILING DATE: 2002-03-06  
NUMBER OF SEQ ID NOS: 60  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 57  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-092-885-57

Query Match 0.5%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 3.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1133 TCACCTCCAGCTCCAC 1148  
DB 16 TCACCTCCAGCTCCAC 1

RESULT 528  
US-10-376-341-155/c  
Sequence 155, Application US/10376341  
Publication No. US20040002473A1  
GENERAL INFORMATION:  
APPLICANT: KURRECK, Jens  
APPLICANT: ERDMANN, Volker A.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES AGAINST VRI



FILE REFERENCE: 029310.52142US  
CURRENT APPLICATION NUMBER: US/10/376,341  
CURRENT FILING DATE: 2003-03-03  
PRIOR APPLICATION NUMBER: PCT/EP01/10081  
PRIOR FILING DATE: 2001-08-31  
PRIOR APPLICATION NUMBER: 100 43 674.9  
PRIOR FILING DATE: 2000-09-02  
PRIOR APPLICATION NUMBER: 100 43 702.8  
PRIOR FILING DATE: 2000-09-04  
NUMBER OF SEQ ID NOS: 248  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 155  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Rattus norvegicus  
US-10-376-341-155

Query Match 0.5%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 3.5e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1070 GCTTCAGTCCCACTCC 1085  
Db 16 GCTGGGACCACTCC 1

## RESULT 529

US-09-780-533A-1806  
Sequence 1806, Application US/09780533A  
Publication No. US20030060611A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Blatt, Larry  
APPLICANT: McSwiggen, Jim  
APPLICANT: Chowrira, Bharat  
APPLICANT: Haerberli, Pete  
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene  
FILE REFERENCE: MEHB00,878-A (400/011)  
CURRENT APPLICATION NUMBER: US/09/780,533A  
CURRENT FILING DATE: 2001-02-09  
PRIOR APPLICATION NUMBER: US 60/181,797  
PRIOR FILING DATE: 2000-02-11  
NUMBER OF SEQ ID NOS: 6679  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1806  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-780-533A-1806

Query Match 0.5%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 4e+02;  
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1555 CTGGAGGAGCATCGAGG 1570  
Db 1 CUGGAGGAGCUGGAGG 16

## RESULT 530

US-10-238-700-802/c  
Sequence 802, Application US/10238700  
Publication No. US20030153521A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
FILE REFERENCE: 400/057 (MEHB01-1158-A)  
CURRENT APPLICATION NUMBER: US/10/238,700  
CURRENT FILING DATE: 2002-09-18  
PRIOR APPLICATION NUMBER: PCT/US 02/16840  
PRIOR FILING DATE: 2002-05-29  
PRIOR APPLICATION NUMBER: US 60/318,471

PRIOR FILING DATE: 2001-09-10  
NUMBER OF SEQ ID NOS: 4666  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 802  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-238-700-802

Query Match 0.5%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 4e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1998 TTTAAATCAATCATGT 2013  
Db 16 TTTAAACAAATCAAGT 1

## RESULT 531

US-09-864-785-2140  
Sequence 2140, Application US/09864785  
Patent No. US20020177568A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Draper, Ken  
APPLICANT: McSwiggen, Jim  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
FILE REFERENCE: Levels of NF-kappa B  
FILE REFERENCE: 400/022 (MEHB00-812-B)  
CURRENT APPLICATION NUMBER: US/09/864,785  
CURRENT FILING DATE: 2001-05-23  
NUMBER OF SEQ ID NOS: 3929  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2140  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-2140

Query Match 0.5%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 4e+02;  
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1951 ACAGTGCATTAAGCAGT 1966  
Db 1 ACAGUGCAACAGCACU 16

## RESULT 532

US-10-156-306-5186  
Sequence 5186, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
FILE REFERENCE: Levels of IKK-Gamma and PKR  
FILE REFERENCE: MEHB01-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28  
NUMBER OF SEQ ID NOS: 8013  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5186  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-156-306-5186

Query Match 0.5%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 62.5%; Pred. No. 4e+02;

Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 2105 AATGGGGCTTCAGCT 2120  
||:|||||: ||:  
Db 1 AAUGGGGCGGCGGCU 16

## RESULT 533

US-10-238-700-3585/c  
; Sequence 3585, Application US/10238700  
; Publication No. US2003015321A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment  
; FILE REFERENCE: 400/057 (MEHB01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3585  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-3585

Query Match 0.5%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 4e+02; Mismatches 0; Gaps 0;  
Matches 13; Conservative 0; Indels 3; Indels 0; Gaps 0;

QY 1279 GAGGACAGCGCCACA 1294  
||| ||||| |||||  
Db 17 GGGGTGAGCTCCACA 2

## RESULT 534

US-10-197-290-36/c  
; Sequence 36, Application US/10197290  
; Publication No. US20030083300A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Elizabeth J. Ackermann  
; APPLICANT: Lex M. Cowsert  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2  
; FILE REFERENCE: RTSP-0421  
; CURRENT APPLICATION NUMBER: US/10/197,290  
; CURRENT FILING DATE: 2002-07-16  
; PRIOR APPLICATION NUMBER: 09/857,299  
; PRIOR FILING DATE: 2001-20-04  
; PRIOR APPLICATION NUMBER: PCT/US99/22083  
; PRIOR FILING DATE: 1999-09-23  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 36  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-10-197-290-36

Query Match 0.5%; Score 11.2; DB 1; Length 18;

Best Local Similarity 81.2%; Pred. No. 4.6e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 74 GAGAGGAGGGGAGAGA 89  
||| ||||| |||||  
Db 18 GGGAGAGGAGAGAGA 3

## RESULT 535

US-10-388-263-189/c  
; Sequence 189, Application US/10388263  
; Publication No. US20030228597A1  
; GENERAL INFORMATION:  
; APPLICANT: Cowsert, Lex M.  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: McNeill, John  
; APPLICANT: Freier, Susan M.  
; APPLICANT: Sasnor, Henri M.  
; APPLICANT: Brooks, Douglas G.  
; APPLICANT: Ohashi, Cara  
; APPLICANT: Wyatt, Jacqueline R.  
; APPLICANT: Borchers, Alexander  
; APPLICANT: Vickers, Timothy A.  
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR  
; MODULATION BY OLIGONUCLEOTIDES AND  
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION  
; FILE REFERENCE: ISIS-4503  
; CURRENT APPLICATION NUMBER: US/10/388,263  
; CURRENT FILING DATE: 2003-03-12  
; NUMBER OF SEQ ID NOS: 947  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 189  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-388-263-189

Query Match 0.5%; Score 11.2; DB 1; Length 18;

Best Local Similarity 81.2%; Pred. No. 4.6e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 74 GAGAGGAGGGGAGAGA 89  
||| ||||| |||||  
Db 18 GGGAGAGGAGAGAGA 3

## RESULT 536

US-09-976-782-72  
; Sequence 72, Application US/09976782  
; Publication No. US20030190715A1  
; GENERAL INFORMATION:  
; APPLICANT: Grosse et al  
; TITLE OF INVENTION: No. US20030190715a1 Proteins and Nucleic Acids Encoding Same  
; FILE REFERENCE: 21402-157  
; CURRENT APPLICATION NUMBER: US/09/976,782  
; CURRENT FILING DATE: 2001-10-12  
; PRIOR APPLICATION NUMBER: 60/240,113  
; PRIOR FILING DATE: 2000-10-12  
; PRIOR APPLICATION NUMBER: 60/240,662  
; PRIOR FILING DATE: 2000-10-16  
; PRIOR APPLICATION NUMBER: 60/240,732  
; PRIOR FILING DATE: 2000-10-16  
; PRIOR APPLICATION NUMBER: 60/240,625  
; PRIOR FILING DATE: 2000-10-16  
; PRIOR APPLICATION NUMBER: 60/240,703  
; PRIOR FILING DATE: 2000-10-16  
; PRIOR APPLICATION NUMBER: 60/241,190  
; PRIOR FILING DATE: 2000-10-16  
; PRIOR APPLICATION NUMBER: 60/240,637  
; PRIOR FILING DATE: 2000-10-16  
; PRIOR APPLICATION NUMBER: 60/240,669  
; PRIOR FILING DATE: 2000-10-16  
; PRIOR APPLICATION NUMBER: 60/262,455  
; PRIOR FILING DATE: 2001-01-18  
; PRIOR APPLICATION NUMBER: 60/240,648  
; PRIOR FILING DATE: 2000-10-16  
; NUMBER OF SEQ ID NOS: 127  
; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 72  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide  
; OTHER INFORMATION: Primer  
US-09-976-782-72

Query Match 0.5%; Score 11.2; DB 1; Length 20;  
Best Local Similarity 81.2%; Pred. No. 5.6e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1557 GGAGGACATCGAGGAG 1572  
|||||  
Db 3 GGAGGAGCTGGAGGAG 18

RESULT 537  
US-09-365-029-72  
; Sequence 72, Application US/09365029  
; Patent No. US20010021772A1  
; GENERAL INFORMATION:  
; APPLICANT: UHLMANN, Eugen  
; APPLICANT: PEYMAN, Anuschirwan  
; APPLICANT: BITONTI, Alan J.  
; APPLICANT: WOESSNER, Richard D.  
; TITLE OF INVENTION: SHORT OLIGONUCLEOTIDES FOR THE INHIBITION OF VEGF  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: 26083/208  
; CURRENT APPLICATION NUMBER: US/09/365,029  
; CURRENT FILING DATE: 1999-08-02  
; EARLIER APPLICATION NUMBER: EP 98114853.9  
; EARLIER FILING DATE: 1998-08-07  
; NUMBER OF SEQ ID NOS: 94  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 72  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: VEGF antisense  
; OTHER INFORMATION: oligonucleotide  
US-09-365-029-72

Query Match 0.5%; Score 11; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 909 TTTCTTTGGTC 919  
|||||  
Db 2 TTTCTTTGGTC 12

RESULT 538  
US-09-380-932-10  
; Sequence 10, Application US/09380932  
; Patent No. US20020058250A1  
; GENERAL INFORMATION:  
; APPLICANT: FIRTH, Greg  
; TITLE OF INVENTION: EXTRACTION AND UTILISATION OF VNTR ALLELES  
; FILE REFERENCE: 28911/35930  
; CURRENT APPLICATION NUMBER: US/09/380,932  
; CURRENT FILING DATE: 1999-03-21  
; PRIOR APPLICATION NUMBER: PCT/GB98/00840  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: EP 97301917.7  
; PRIOR FILING DATE: 1997-03-21  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 10  
; LENGTH: 12  
; TYPE: DNA

; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: oligonucleotide  
US-09-380-932-10

Query Match 0.5%; Score 11; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1224 CATCTTGGCA 1234  
|||||  
Db 1 CATCTTGGCA 11

RESULT 539  
US-09-841-157A-19/c  
; Sequence 19, Application US/09841157A  
; Publication No. US20020192648A1  
; GENERAL INFORMATION:  
; APPLICANT: NISHIGAKI, KOICHI  
; APPLICANT: TAKASAWA, TSUTOMU  
; APPLICANT: HAMANO, KEIICHI  
; TITLE OF INVENTION: METHODS OF IDENTIFYING AN ORGANISM BASED ON ITS GENOTYPE  
; FILE REFERENCE: 12637/P66602USO  
; CURRENT APPLICATION NUMBER: US/09/841,157A  
; CURRENT FILING DATE: 2001-04-25  
; NUMBER OF SEQ ID NOS: 44  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 19  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-841-157A-19

Query Match 0.5%; Score 11; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1059 CCCAAACCCAA 1069  
|||||  
Db 12 CCCAAACCCAA 2

RESULT 540  
US-10-117-108A-25/c  
; Sequence 25, Application US/10117108A  
; Publication No. US20030082571A1  
; GENERAL INFORMATION:  
; APPLICANT: KACHAB, Edward H.  
; APPLICANT: BARNETT, Graeme R.  
; TITLE OF INVENTION: LINEAR NUCLEIC ACID AND SEQUENCE THEREFOR  
; FILE REFERENCE: 37955-0004  
; CURRENT APPLICATION NUMBER: US/10/117,108A  
; CURRENT FILING DATE: 2002-04-08  
; PRIOR APPLICATION NUMBER: US 60/282,491  
; PRIOR FILING DATE: 2001-04-10  
; NUMBER OF SEQ ID NOS: 80  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 25  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (1)..(6)  
; OTHER INFORMATION: The monomer ttgggg may be repeated from 2-20 times  
US-10-117-108A-25

Tue Mar 2 06:29:59 2004

```

Query Match      0.5%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1059 CCCAACCCCAA 1069
Db 12 CCCAACCCCAA 2

RESULT 541
US-09-740-332-4742
; Sequence 4742, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RFI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4742
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial Sequence
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4742

```

```

Query Match      0.5%; Score 11; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1203 ACCCTATCAGG 1213
Db 1 ACCCUAUCAGG 11

```

```

RESULT 542
US-09-817-879-4742
; Sequence 4742, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MEHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4742
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial Sequence
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4742

```

```

Query Match      0.5%; Score 11; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1203 ACCCTATCAGG 1213
Db 1 ACCCUAUCAGG 11

```

```

RESULT 543
US-10-229-370-38
; Sequence 38, Application US/10229370
; Publication No. US20030082600A1
; GENERAL INFORMATION:
; APPLICANT: Berlin, Kurt
; APPLICANT: Olek, Alexander
; TITLE OF INVENTION: Highly sensitive method for the detection of cytosine methylation
; TITLE OF INVENTION: patterns
; FILE REFERENCE: 81859
; CURRENT APPLICATION NUMBER: US/10/229,370
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 38
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-229-370-38

```

```

Query Match      0.5%; Score 11; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1250 ACCCATCCCC 1260
Db 3 ACCCATCCCC 13

```

```

RESULT 544
US-09-504-231A-1054
; Sequence 1054, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1054
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1054

```

```

Query Match      0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 81.8%; Pred. No. 3.3e+02;
Matches 9; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 974 AGTCCAAGCTC 984
Db 5 AGUCCAAGCUC 15

```

## RESULT 545

US-09-274-553D-1054  
; Sequence 1054, Application US/09274553D  
; Patent No. US20020082225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATED  
; FILE REFERENCE: HEPATITIS C VIRUS INFECTION  
; CURRENT FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1054  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-1054

Query Match 0.5%; Score 11; DB 1; Length 15;  
Best Local Similarity 81.8%; Pred. No. 3.3e+02;  
Matches 9; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 974 AGTCCAAGCTC 984  
|||:|||||:  
Db 5 AGUCCAAGCUC 15

## RESULT 546

US-09-918-728B-12/c  
; Sequence 12, Application US/09918728B  
; Publication No. US20030105308A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leonid  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleoside Triphosphates and Their Incorporation into Oligonucleo  
; FILE REFERENCE: MHB00-831-H (400/033)  
; CURRENT APPLICATION NUMBER: US/09/918,728B  
; CURRENT FILING DATE: 2002-04-03  
; NUMBER OF SEQ ID NOS: 127  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 12  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-918-728B-12

Query Match 0.5%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 837 GTGCCTACCC 847  
|||||:  
Db 15 GTGCCTACCC 5

## RESULT 547

US-09-882-945A-288  
; Sequence 288, Application US/09882945A  
; Publication No. US20030143535A1

; GENERAL INFORMATION:  
; APPLICANT: Lyamichiev, Victor  
; APPLICANT: Allawi, Hatim  
; APPLICANT: Dong, Fang  
; APPLICANT: Neri, Bruce  
; APPLICANT: Vener, Tatiana  
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites  
; FILE REFERENCE: FORS-04586  
; CURRENT APPLICATION NUMBER: US/09/882,945A  
; CURRENT FILING DATE: 2001-06-15  
; NUMBER OF SEQ ID NOS: 334  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 288  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-882-945A-288

Query Match 0.5%; Score 11; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 971 GGAAGTCCAAG 981  
|||||:  
Db 1 GGAAGTCCAAG 11

## RESULT 548

US-10-044-674-46/c  
; Sequence 46, Application US/10044674  
; Publication No. US20030175710A1  
; GENERAL INFORMATION:  
; APPLICANT: Chew, Anne  
; APPLICANT: Denton, R. Rex  
; APPLICANT: Bieglecki, Karyn M  
; APPLICANT: Nandabalan, Krishnan  
; APPLICANT: Stephens, J. Claiborne  
; TITLE OF INVENTION: HAPLOTYPES OF THE TNFRSF11B GENE  
; FILE REFERENCE: TNFRSF11B MMH-0001US (CIP)  
; CURRENT APPLICATION NUMBER: US/10/044,674  
; CURRENT FILING DATE: 2002-01-09  
; PRIOR APPLICATION NUMBER: PCT/US00/18803  
; PRIOR FILING DATE: 2000-07-10  
; NUMBER OF SEQ ID NOS: 94  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 46  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
US-10-044-674-46

Query Match 0.5%; Score 11; DB 1; Length 15;  
Best Local Similarity 84.6%; Pred. No. 3.3e+02;  
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 906 CATTTCCTTGGT 918  
|:|:|:|:|:|:|:  
Db 15 CTTTACTTGGT 3

## RESULT 549

US-10-197-019-34  
; Sequence 34, Application US/10197019  
; Publication No. US20030207284A1  
; GENERAL INFORMATION:  
; APPLICANT: Chew, Anne  
; APPLICANT: Denton, R. Rex  
; APPLICANT: Gilson, Christopher Raleigh  
; APPLICANT: Nandabalan, Krishnan  
; APPLICANT: Parks, Katie E.  
; TITLE OF INVENTION: HAPLOTYPES OF THE UCP2 GENE

```
; FILE REFERENCE: MWH-0042US
; CURRENT APPLICATION NUMBER: US/10/197,019
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: PCT/US01/02485
; PRIOR FILING DATE: 2001-01-25
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 34
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-197-019-34

Query Match
Best Local Similarity 84.6%; Score 11; DB 1; Length 15;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACCC 1265
DB 3 CCATCCCCAACCC 15

RESULT 550
US-10-193-507-40/c
; Sequence 40, Application US/10193507
; Publication No. US20040018493A1
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Kazemi, Amir
; APPLICANT: Lachowicz, Michael F.
; APPLICANT: Pabon, Vicente
; APPLICANT: Shah, Nisha
; TITLE OF INVENTION: HAPLOTYPES OF THE CD3E GENE
; FILE REFERENCE: MWH-2790US
; CURRENT APPLICATION NUMBER: US/10/193,507
; CURRENT FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 60/304,573
; PRIOR FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-193-507-40

Query Match
Best Local Similarity 84.6%; Score 11; DB 1; Length 15;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 822 GGAGTCCACGAG 834
DB 15 GRAGTGCATGAAG 3

RESULT 551
US-09-877-478-6031
; Sequence 6031, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MWH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
```

```
; FILE REFERENCE: MWH-0042US
; CURRENT APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6031
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-6031

Query Match
Best Local Similarity 63.6%; Score 11; DB 1; Length 15;
Matches 7; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1873 CTATGCTCAT 1883
DB 1 CUAUGCCUCAU 11

RESULT 552
US-10-108-732-47
; Sequence 47, Application US/10108732
; Publication No. US20030175721A1
; GENERAL INFORMATION:
; APPLICANT: Box, Neil F
; APPLICANT: Duffy, David L
; APPLICANT: Hayward, Nicholas K
; APPLICANT: Martin, Nicholas G
; APPLICANT: Sturm, Richard A
; APPLICANT: Gruis, Nelleke A
; APPLICANT: van Der Velden, Pieter
; APPLICANT: Bergman, Wilma
; APPLICANT: Frants, Rune R
; TITLE OF INVENTION: MELANOMA RISK DETECTION
; FILE REFERENCE: 8795-27U1
; CURRENT APPLICATION NUMBER: US/10/108,732
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: US 60/279,515
; PRIOR FILING DATE: 2001-03-28
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: bMSHR C-inner sequencing primer 2
US-10-108-732-47

Query Match
Best Local Similarity 100.0%; Score 11; DB 1; Length 18;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1418 TGGAGCTGCAG 1428
DB 2 TGGAGCTGCAG 12

RESULT 553
US-10-244-647-572/c
; Sequence 572, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
```

; APPLICANT: Ribozyme Pharmaceutical, Inc.  
 ; APPLICANT: Morrissey, David  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Beigelman, Leonid  
 ; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)  
 ; FILE REFERENCE: 400/060 (MHB02-1000)  
 ; CURRENT APPLICATION NUMBER: US/10/244,647  
 ; PRIOR FILING DATE: 2003-04-14  
 ; PRIOR APPLICATION NUMBER: US 60/358,580  
 ; PRIOR FILING DATE: 2002-02-20  
 ; PRIOR APPLICATION NUMBER: US 60/393,924  
 ; PRIOR FILING DATE: 2002-07-03  
 ; PRIOR APPLICATION NUMBER: PCT US02/09187  
 ; PRIOR FILING DATE: 2002-03-26  
 ; PRIOR APPLICATION NUMBER: US 60/296,876  
 ; PRIOR FILING DATE: 2001-06-08  
 ; NUMBER OF SEQ ID NOS: 1524  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 572  
 ; LENGTH: 19  
 ; TYPE: RNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense 1  
 US-10-244-647-572

Query Match 0.5%; Score 11; DB 1; Length 19;  
 Best Local Similarity 73.7%; Pred. No. 5.6e+02;  
 Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 563 CCAAAATGCCGAAAGGAAT 581  
 |||||  
 Db 19 CCCAAGACAAAGAAAT 1

RESULT 554

US-10-244-647-1218  
 ; Sequence 1218, Application US/10244647  
 ; Publication No. US20030206887A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceutical, Inc.  
 ; APPLICANT: Morrissey, David  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Beigelman, Leonid  
 ; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)  
 ; FILE REFERENCE: 400/060 (MHB02-1000)  
 ; CURRENT APPLICATION NUMBER: US/10/244,647  
 ; PRIOR FILING DATE: 2003-04-14  
 ; PRIOR APPLICATION NUMBER: US 60/358,580  
 ; PRIOR FILING DATE: 2002-02-20  
 ; PRIOR APPLICATION NUMBER: US 60/393,924  
 ; PRIOR FILING DATE: 2002-07-03  
 ; PRIOR APPLICATION NUMBER: PCT US02/09187  
 ; PRIOR FILING DATE: 2002-03-26  
 ; PRIOR APPLICATION NUMBER: US 60/296,876  
 ; PRIOR FILING DATE: 2001-06-08  
 ; NUMBER OF SEQ ID NOS: 1524  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 1218  
 ; LENGTH: 19  
 ; TYPE: RNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
 US-10-244-647-1218

Query Match 0.5%; Score 11; DB 1; Length 19;  
 Best Local Similarity 68.4%; Pred. No. 5.6e+02;  
 Matches 13; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 563 CCAAAATGCCGAAAGGAAT 581

Db 1 CCCAAGACAAAGAAAU 19  
 |||||  
 RESULT 555  
 US-10-244-647-644/c  
 ; Sequence 644, Application US/10244647  
 ; Publication No. US20030206887A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceutical, Inc.  
 ; APPLICANT: Morrissey, David  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Beigelman, Leonid  
 ; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)  
 ; FILE REFERENCE: 400/060 (MHB02-1000)  
 ; CURRENT APPLICATION NUMBER: US/10/244,647  
 ; PRIOR FILING DATE: 2003-04-14  
 ; PRIOR APPLICATION NUMBER: US 60/358,580  
 ; PRIOR FILING DATE: 2002-02-20  
 ; PRIOR APPLICATION NUMBER: US 60/393,924  
 ; PRIOR FILING DATE: 2002-07-03  
 ; PRIOR APPLICATION NUMBER: PCT US02/09187  
 ; PRIOR FILING DATE: 2002-03-26  
 ; PRIOR APPLICATION NUMBER: US 60/296,876  
 ; PRIOR FILING DATE: 2001-06-08  
 ; NUMBER OF SEQ ID NOS: 1524  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 644  
 ; LENGTH: 19  
 ; TYPE: RNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense  
 US-10-244-647-644

Query Match 0.5%; Score 11; DB 1; Length 19;  
 Best Local Similarity 73.7%; Pred. No. 5.6e+02;  
 Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 566 AATGCCGAAAGGAATGG 584  
 |||||  
 Db 19 AAGACAAAGAAATGG 1

RESULT 556

US-10-244-647-1290  
 ; Sequence 1290, Application US/10244647  
 ; Publication No. US20030206887A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceutical, Inc.  
 ; APPLICANT: Morrissey, David  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Beigelman, Leonid  
 ; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)  
 ; FILE REFERENCE: 400/060 (MHB02-1000)  
 ; CURRENT APPLICATION NUMBER: US/10/244,647  
 ; PRIOR FILING DATE: 2003-04-14  
 ; PRIOR APPLICATION NUMBER: US 60/358,580  
 ; PRIOR FILING DATE: 2002-02-20  
 ; PRIOR APPLICATION NUMBER: US 60/393,924  
 ; PRIOR FILING DATE: 2002-07-03  
 ; PRIOR APPLICATION NUMBER: PCT US02/09187  
 ; PRIOR FILING DATE: 2002-03-26  
 ; PRIOR APPLICATION NUMBER: US 60/296,876  
 ; PRIOR FILING DATE: 2001-06-08  
 ; NUMBER OF SEQ ID NOS: 1524  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 1290  
 ; LENGTH: 19  
 ; TYPE: RNA  
 ; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-244-647-1290

Query Match 0.5%; Score 11; DB 1; Length 19;  
Best Local Similarity 68.4%; Pred. No. 5.6e+02;  
Matches 13; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 566 AATGCCGAAGGAATGGG 584  
||| ||||| |||  
Db 1 AAAGACAAAGAAAUUGG 19

## RESULT 557

US-10-251-117-578  
; Sequence 578, Application US/10251117  
; Publication No. US20030170891A1  
; GENERAL INFORMATION:  
; APPLICANT: McSwiggen, James  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R  
; FILE REFERENCE: 900/042 (MBHB02-468-A)  
; CURRENT APPLICATION NUMBER: US/10/251,117  
; CURRENT FILING DATE: 2003-02-24  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/163,552  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 09/916,466  
; PRIOR FILING DATE: 2001-07-25  
; PRIOR APPLICATION NUMBER: US 60/296,249  
; PRIOR FILING DATE: 2001-06-06  
; NUMBER OF SEQ ID NOS: 1213  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 578  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r  
US-10-251-117-578

Query Match 0.5%; Score 11; DB 1; Length 19;  
Best Local Similarity 63.2%; Pred. No. 5.6e+02;  
Matches 12; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

QY 205 CCACACTGCCCTGAGCCCA 223  
||| ||||| :||| |||  
Db 1 CCUCAUUGCCCUCAACACA 19

## RESULT 558

US-10-251-117-885/c  
; Sequence 885, Application US/10251117  
; Publication No. US20030170891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R  
; FILE REFERENCE: 900/042 (MBHB02-468-A)  
; CURRENT APPLICATION NUMBER: US/10/251,117  
; CURRENT FILING DATE: 2003-02-24  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/163,552  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 09/916,466

; PRIOR FILING DATE: 2001-07-25  
; PRIOR APPLICATION NUMBER: US 60/296,249  
; PRIOR FILING DATE: 2001-06-06  
; NUMBER OF SEQ ID NOS: 1213  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 885  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-251-117-885

Query Match 0.5%; Score 11; DB 1; Length 19;  
Best Local Similarity 73.7%; Pred. No. 5.6e+02;  
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 205 CCACACTGCCCTGAGCCCA 223  
||| ||||| |||  
Db 19 CCTCATTCCTCAACACA 1

## RESULT 559

US-10-148-687-55/c  
; Sequence 55, Application US/10148687  
; Publication No. US20030185836A1  
; GENERAL INFORMATION:  
; APPLICANT: WINTER, Gerhard  
; APPLICANT: SLADE, Martin Basil  
; APPLICANT: WILLIAMS, Keith Leslie  
; APPLICANT: GOOLEY, Andrew Arthur  
; APPLICANT: Macquarie Research Ltd  
; TITLE OF INVENTION: Cryptosporidium sporozoite antigens  
; FILE REFERENCE: 047763-5019-US  
; CURRENT APPLICATION NUMBER: US/10/148,687  
; CURRENT FILING DATE: 2002-05-31  
; PRIOR APPLICATION NUMBER: PCT/AU00/01492  
; PRIOR FILING DATE: 2000-12-01  
; PRIOR APPLICATION NUMBER: AU PQ4400  
; PRIOR FILING DATE: 1999-12-01  
; NUMBER OF SEQ ID NOS: 67  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 55  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: Oligonucleotide primers  
US-10-148-687-55

Query Match 0.5%; Score 11; DB 1; Length 19;  
Best Local Similarity 73.7%; Pred. No. 5.6e+02;  
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 295 GTGCTCTGGAGCTGTGG 313  
||| ||||| |||  
Db 19 GTGCTACTGAAGCTTCTGG 1

## RESULT 560

US-10-244-647-637/c  
; Sequence 637, Application US/10244647  
; Publication No. US20030206887A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Morrissey, David  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV  
; FILE REFERENCE: 400/060 (MBHB02-1000)  
; CURRENT APPLICATION NUMBER: US/10/244,647



```
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 637
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-244-647-637

Query Match      0.5%; Score 11; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 567 ATGCCGAAGAAATGGGT 585
Db 19 AAGACAAAGAAATGGT 1

RESULT 561
US-10-244-647-1283
; Sequence 1283, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MBH02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1283
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1283

Query Match      0.5%; Score 11; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 5.6e+02;
Matches 12; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

QY 567 ATGCCGAAGAAATGGGT 585
Db 1 AAGACAAAGAAAUUGGU 19

RESULT 562
US-10-349-143-7262
; Sequence 7262, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7262
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-3335 for SEQ 3328,
US-10-349-143-7262

Query Match      0.5%; Score 11; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 107 TGTCTCTATGCCCGAGTC 125
Db 1 TGTCTCAGTGCCTTGTTC 19

RESULT 563
US-10-321-039-633/c
; Sequence 633, Application US/10321039
; Publication No. US20040014067A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lukowiak, Andrew
; APPLICANT: Jarvis, Nancy
; APPLICANT: Kurensky, David
; TITLE OF INVENTION: Amplification Methods and Compositions
; FILE REFERENCE: FORS-06960
; CURRENT APPLICATION NUMBER: US/10/321,039
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: 09/998,157
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/329,113
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/360,489
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 759
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 633
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-321-039-633

Query Match      0.5%; Score 11; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 790 TGTGTCTCTCTG 800
Db 18 TGTGTCTCTCTG 8
```



```
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 831 GAAGTTGTGCCTAC 844
    ||||| ||||| |||
Db 1 GAAGGTGTGCTTAC 14

RESULT 568
US-09-865-579A-19
; Sequence 19, Application US/09865579A
; Patent No. US20020098492A1
; GENERAL INFORMATION:
; APPLICANT: Taya, Toshiki
; APPLICANT: Ishiguro, Takahiko
; APPLICANT: Saito, Juichi
; TITLE OF INVENTION: Oligonucleotides and Method for Detection of mecA Gene of
; FILE REFERENCE: 9558-003-27
; CURRENT APPLICATION NUMBER: US/09/865,579A
; CURRENT FILING DATE: 2001-05-29
; PRIOR APPLICATION NUMBER: JP 2000-163149
; PRIOR FILING DATE: 2000-05-29
; PRIOR APPLICATION NUMBER: JP 2000-179394
; PRIOR FILING DATE: 2000-06-09
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-865-579A-19

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 831 GAAGTTGTGCCTAC 844
    ||||| ||||| |||
Db 1 GAAGGTGTGCTTAC 14

RESULT 569
US-09-943-983-89/c
; Sequence 89, Application US/09943983
; Publication No. US20030077575A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOUWAGIE, JOOST
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION NUMBER: US/09/943,983
; FILING DATE: 31-Aug-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/913,833
; FILING DATE: 1997-09-15
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; APPLICATION NUMBER: EP 96870001.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 129:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
```

```
; FILING DATE: 26 Jan 1996
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 89:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 89:
US-09-943-983-89

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 793 GTCTCCTGTAGTAA 806
    ||||| ||||| |||
Db 14 GTCTGCTGTAGTAA 1

RESULT 570
US-09-943-983-129
; Sequence 129, Application US/09943983
; Publication No. US20030077575A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOUWAGIE, JOOST
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION NUMBER: US/09/943,983
; FILING DATE: 31-Aug-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/913,833
; FILING DATE: 1997-09-15
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 129:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
```

ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 129:  
US-09-943-983-129

Query Match 0.5%; Score 10.8; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 3.1e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1212 GGGGGCTGACCCCA 1225  
Db 1 GGGGGCTTACCACA 14

## RESULT 571

US-10-461-790-133/c  
; Sequence 133, Application US/10461790  
; Publication No. US20040029111A1  
; GENERAL INFORMATION:  
; APPLICANT: Linnen, Jeffery M.  
; APPLICANT: Kolk, Daniel P.  
; APPLICANT: Dockter, Janel M.  
; APPLICANT: Getman, Damon K.  
; APPLICANT: Yoshimura, Tadashi  
; APPLICANT: Ho-Sing-Ioy, Marcy  
; APPLICANT: Stringfellow, Leslie A.  
; TITLE OF INVENTION: Compositions and Methods for Detecting  
; FILE REFERENCE: GFI34-02.UT  
; CURRENT APPLICATION NUMBER: US/10/461,790  
; PRIOR FILING DATE: 2003-06-13  
; PRIOR APPLICATION NUMBER: 60/389,393  
; PRIOR FILING DATE: 2002-06-14  
; NUMBER OF SEQ ID NOS: 142  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 133  
; LENGTH: 14  
; TYPE: RNA  
; ORGANISM: Hepatitis B Virus  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (1)...(14)  
; OTHER INFORMATION: 2'-OME nucleotide analogs  
US-10-461-790-133

Query Match 0.5%; Score 10.8; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 3.1e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 929 TATCCCTCCTTC 942  
Db 14 TATGCCCTCATCTTC 1

## RESULT 572

US-10-043-875-462  
; Sequence 462, Application US/10043875  
; Publication No. US20030054339A1  
; GENERAL INFORMATION:  
; APPLICANT: De Smet, Koenraad  
; APPLICANT: Stuyver, Lieven  
; TITLE OF INVENTION: Method for Detection of Drug-Induced Mutations in the HIV Reverse  
; FILE REFERENCE: 11362-0033-NPUS01 (INNS:033)  
; CURRENT APPLICATION NUMBER: US/10/043,875  
; CURRENT FILING DATE: 2002-04-03  
; PRIOR FILING DATE: 2002-04-03  
; PRIOR APPLICATION NUMBER: 60/286,102  
; PRIOR FILING DATE: 2001-04-24  
; PRIOR APPLICATION NUMBER: EP 01870085.6  
; PRIOR FILING DATE: 2001-04-20  
; PRIOR APPLICATION NUMBER: EP 01870005.4  
; NUMBER OF SEQ ID NOS: 884  
; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 462  
; LENGTH: 14  
; TYPE: DNA

; ORGANISM: Human immunodeficiency virus  
US-10-043-875-462

Query Match 0.5%; Score 10.8; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 3.1e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1212 GGGGGCTGACCCCA 1225  
Db 1 GGGGGCTTACCACA 14

## RESULT 573

US-10-043-875-882/c  
; Sequence 882, Application US/10043875  
; Publication No. US20030054339A1  
; GENERAL INFORMATION:  
; APPLICANT: De Smet, Koenraad  
; APPLICANT: Stuyver, Lieven  
; TITLE OF INVENTION: Method for Detection of Drug-Induced Mutations in the HIV Reverse  
; FILE REFERENCE: 11362-0033-NPUS01 (INNS:033)  
; CURRENT APPLICATION NUMBER: US/10/043,875  
; CURRENT FILING DATE: 2002-04-03  
; PRIOR FILING DATE: 2001-04-24  
; PRIOR APPLICATION NUMBER: EP 01870085.6  
; PRIOR FILING DATE: 2001-04-20  
; PRIOR APPLICATION NUMBER: EP 01870005.4  
; NUMBER OF SEQ ID NOS: 884  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 882  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Human immunodeficiency virus  
US-10-043-875-882

Query Match 0.5%; Score 10.8; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 3.1e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 793 GTCTCCTGTAGTAA 806  
Db 14 GTCTGTGTAGTAA 1

## RESULT 574

US-10-150-045-17  
; Sequence 17, Application US/10150045  
; Publication No. US20030175727A1  
; GENERAL INFORMATION:  
; APPLICANT: Hyldig-Nielsen, Jens J.  
; APPLICANT: Stender, Henrik  
; APPLICANT: Oliveira, Kenneth M.  
; APPLICANT: Rigby, Susan  
; TITLE OF INVENTION: PNA Probes, Probe Sets, Methods And Kits Pertaining To  
; FILE REFERENCE: BP0104-US  
; CURRENT APPLICATION NUMBER: US/10/150,045  
; CURRENT FILING DATE: 2002-05-17  
; PRIOR FILING DATE: 2001-05-18  
; PRIOR APPLICATION NUMBER: 60/292,147  
; NUMBER OF SEQ ID NOS: 23  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 17  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Candida  
; FEATURE:

; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Probing  
; OTHER INFORMATION: Nucleobase Sequence of RNA Probe  
US-10-150-045-17

Query Match 0.5%; Score 10.8; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 3.1e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1288 GCCCAGGACCA 1301

Db 1 GCCCAGGACCA 14

RESULT 575

US-10-277-494-74

; Sequence 74, Application US/10277494

; Publication No. US20030186909A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related To Level

; FILE REFERENCE: EPIDERMAL GROWTH FACTOR RECEPTORS

; CURRENT FILING DATE: 2002-10-21

; NUMBER OF SEQ ID NOS: 446

; SOFTWARE: Patent in version 3.0

; SEQ ID NO 74

; LENGTH: 14

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-277-494-74

Query Match 0.5%; Score 10.8; DB 1; Length 14;  
Best Local Similarity 64.3%; Pred. No. 3.1e+02;  
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 882 CACCACAGTCTGT 895

Db 1 CACCACAGTCTGT 14

RESULT 576

US-10-457-839-70

; Sequence 70, Application US/10457839

; Publication No. US20040014115A1

; GENERAL INFORMATION:

; APPLICANT: Myriad Genetics, Incorporated

; APPLICANT: Scholl, Thomas

; APPLICANT: Hendrickson, Brant C

; APPLICANT: Pruss, Dmitry

; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof

; FILE REFERENCE: 3002.03

; CURRENT FILING DATE: 2003-06-09

; PRIOR FILING DATE: 2002-06-07

; PRIOR FILING DATE: 2002-06-07

; PRIOR FILING DATE: 2002-08-09

; NUMBER OF SEQ ID NOS: 93

; SOFTWARE: Patent in version 3.2

; SEQ ID NO 70

; LENGTH: 14

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-457-839-70

Query Match 0.5%; Score 10.8; DB 1; Length 14;  
Best Local Similarity 85.7%; Pred. No. 3.1e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1009 ACACCTGAAAAGA 1022

Db 1 ACATCAGAAAAGA 14

RESULT 577

US-09-790-417-251

; Sequence 251, Application US/09790417

; Patent No. US20010031470A1

; GENERAL INFORMATION:

; APPLICANT: Shultz, John W

; APPLICANT: Lewis, Martin K.

; APPLICANT: Lieppe, Donna

; APPLICANT: Mandrekar, Michelle

; APPLICANT: Kephart, Daniel

; APPLICANT: Rhodes, Richard B.

; APPLICANT: Andrews, Christine A.

; APPLICANT: Hartnett, James R.

; APPLICANT: Gu, Trent

; APPLICANT: Olson, Ryan J.

; APPLICANT: Wood, Keith W.

; APPLICANT: Welch, Roy

; TITLE OF INVENTION: Nucleic Acid Detection

; FILE REFERENCE: Pro-103 6868/75528

; CURRENT FILING DATE: 2001-02-22

; PRIOR APPLICATION NUMBER: 09/358,972

; PRIOR FILING DATE: 1999-07-21

; PRIOR FILING DATE: 1998-03-13

; NUMBER OF SEQ ID NOS: 290

; SOFTWARE: Patent in Ver. 2.0

; SEQ ID NO 251

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: probe to AluI

; OTHER INFORMATION: human gene

US-09-790-417-251

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1249 GACCCCATCCCA 1262

Db 2 GACCCCATCTCTAA 15

RESULT 578

US-09-504-231A-300

; Sequence 300, Application US/09504231A

; Patent No. US20020013458A1

; GENERAL INFORMATION:

; APPLICANT: Blatt, Lawrence

; APPLICANT: McSwiggen, James

; APPLICANT: Roberts, Beth

; APPLICANT: Pavco, Pamela

; APPLICANT: Macejak, Dennis

; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELI

; FILE REFERENCE: IPI 247/282

; CURRENT APPLICATION NUMBER: US/09/504,231A

; CURRENT FILING DATE: 2000-02-15

; PRIOR APPLICATION NUMBER: 09/274,553

; PRIOR FILING DATE: 1999-03-23

; PRIOR APPLICATION NUMBER: 09/257,608

; PRIOR FILING DATE: 1999-02-24

; PRIOR APPLICATION NUMBER: 60/100,842

; PRIOR FILING DATE: 1998-09-18

; PRIOR APPLICATION NUMBER: 60/083,217

; PRIOR FILING DATE: 1998-04-27

; NUMBER OF SEQ ID NOS: 3242

```
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 300
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-300

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 872 AGGACTCAGGCACC 885
Db |||:|||||
2 AGGGCUCAGGCCUCC 15

RESULT 579
US-09-504-231A-385/c
; Sequence 385, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1998-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 385
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-385

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 AGGGGGCTGACCCC 1224
Db |||||||
14 AGGGGGGAGACCCC 1

RESULT 580
US-09-504-231A-653/c
; Sequence 653, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: rpi 247/282
```

```
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 653
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-653

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 735 GAACAGAACACCG 748
Db |||||||
15 GAACAGTACACTG 2

RESULT 581
US-09-504-231A-776/c
; Sequence 776, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 776
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-776

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1042 ACTACTAGCCCT 1055
Db |||||||
14 ACGAATAAGCCCT 1

RESULT 582
US-09-504-231A-856/c
```

/ Sequence 856, Application US/09504231A  
/ Patent No. US20020013458A1

## GENERAL INFORMATION:

/ APPLICANT: Blatt, Lawrence  
/ APPLICANT: McSwiggen, James  
/ APPLICANT: Roberts, Beth  
/ APPLICANT: Pavco, Pamela  
/ APPLICANT: Macejak, Dennis

/ TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
/ TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION

/ FILE REFERENCE: Fpi 247/282

/ CURRENT APPLICATION NUMBER: US/09/504,231A

/ CURRENT FILING DATE: 2000-02-15

/ PRIOR APPLICATION NUMBER: 09/274,553

/ PRIOR FILING DATE: 1999-03-23

/ PRIOR APPLICATION NUMBER: 09/257,608

/ PRIOR FILING DATE: 1999-02-24

/ PRIOR APPLICATION NUMBER: 60/100,842

/ PRIOR FILING DATE: 1998-09-18

/ PRIOR APPLICATION NUMBER: 60/083,217

/ PRIOR FILING DATE: 1998-04-27

/ NUMBER OF SEQ ID NOS: 3242

/ SOFTWARE: Patentin version 3.0

/ SEQ ID NO 856

/ TYPE: RNA

/ LENGTH: 15

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-504-231A-856

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1056 GGCCCAAAACCCAA 1069

Db 14 GGCCCAAAACCCAA 1

## RESULT 583

US-09-504-231A-949

/ Sequence 949, Application US/09504231A

/ Patent No. US20020013458A1

## GENERAL INFORMATION:

/ APPLICANT: Blatt, Lawrence  
/ APPLICANT: McSwiggen, James  
/ APPLICANT: Roberts, Beth  
/ APPLICANT: Pavco, Pamela  
/ APPLICANT: Macejak, Dennis

/ TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
/ TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION

/ FILE REFERENCE: Fpi 247/282

/ CURRENT APPLICATION NUMBER: US/09/504,231A

/ CURRENT FILING DATE: 2000-02-15

/ PRIOR APPLICATION NUMBER: 09/274,553

/ PRIOR FILING DATE: 1999-03-23

/ PRIOR APPLICATION NUMBER: 09/257,608

/ PRIOR FILING DATE: 1999-02-24

/ PRIOR APPLICATION NUMBER: 60/100,842

/ PRIOR FILING DATE: 1998-09-18

/ PRIOR APPLICATION NUMBER: 60/083,217

/ PRIOR FILING DATE: 1998-04-27

/ NUMBER OF SEQ ID NOS: 3242

/ SOFTWARE: Patentin version 3.0

/ SEQ ID NO 949

/ TYPE: RNA

/ LENGTH: 15

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-504-231A-949

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 78.8%; Pred. No. 3.7e+02;

Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1085 CAGGCTTACCCCC 1098

Db 2 CAGGCTTACCCCC 15

## RESULT 584

US-09-504-231A-949/c

/ Sequence 949, Application US/09504231A

/ Patent No. US20020013458A1

## GENERAL INFORMATION:

/ APPLICANT: Blatt, Lawrence  
/ APPLICANT: McSwiggen, James  
/ APPLICANT: Roberts, Beth  
/ APPLICANT: Pavco, Pamela  
/ APPLICANT: Macejak, Dennis

/ TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL  
/ TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION

/ FILE REFERENCE: Fpi 247/282

/ CURRENT APPLICATION NUMBER: US/09/504,231A

/ CURRENT FILING DATE: 2000-02-15

/ PRIOR APPLICATION NUMBER: 09/274,553

/ PRIOR FILING DATE: 1999-03-23

/ PRIOR APPLICATION NUMBER: 09/257,608

/ PRIOR FILING DATE: 1999-02-24

/ PRIOR APPLICATION NUMBER: 60/100,842

/ PRIOR FILING DATE: 1998-09-18

/ PRIOR APPLICATION NUMBER: 60/083,217

/ PRIOR FILING DATE: 1998-04-27

/ NUMBER OF SEQ ID NOS: 3242

/ SOFTWARE: Patentin version 3.0

/ SEQ ID NO 949

/ LENGTH: 15

/ TYPE: RNA

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-504-231A-949

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1021 GAGGGGAGCTTGA 1034

Db 14 GAGGGGAGCTTGA 1

## RESULT 585

US-09-860-996-8

/ Sequence 8, Application US/09860996

/ Patent No. US20020034393A1

## GENERAL INFORMATION:

/ APPLICANT: Mitrophanous, et al  
/ TITLE OF INVENTION: VECTOR

/ FILE REFERENCE: 674523-2010

/ CURRENT APPLICATION NUMBER: US/09/860,996

/ CURRENT FILING DATE: 2001-05-18

/ PRIOR APPLICATION NUMBER: PCT/GB99/03866

/ PRIOR FILING DATE: 1999-11-19

/ PRIOR APPLICATION NUMBER: 9825524.3

/ PRIOR FILING DATE: 1998-11-20

/ NUMBER OF SEQ ID NOS: 31

/ SOFTWARE: Patentin version 3.0

/ SEQ ID NO 8

/ LENGTH: 15

/ TYPE: DNA

/ ORGANISM: Murine leukemia virus

/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-860-996-8

```
Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGGA 1028
DB 2 GAAAAAGGGGGA 15

RESULT 586
US-09-950-459-5
; Sequence 5, Application US/09950459
; Patent No. US20020064772A1
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Flandaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; FILE REFERENCE: BP9703US-DV1
; CURRENT APPLICATION NUMBER: US/09/950,459
; CURRENT FILING DATE: 2001-09-10
; PRIOR FILING DATE: 1997-10-27
; PRIOR FILING DATE: 1997-10-27
; PRIOR FILING DATE: 1997-10-27
; PRIOR FILING DATE: 1997-10-27
; PRIOR FILING DATE: 1997-10-27
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PROBE OR TARGET
US-09-950-459-5

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGGTG 315
DB 15 TGGAGCTGTGGCG 2

RESULT 588
US-09-441-522-26
; Sequence 26, Application US/09441522
; Patent No. US20020076696A1
; GENERAL INFORMATION:
; APPLICANT: Kawaguchi, Haruma
; APPLICANT: Fujimoto, Keiji
; APPLICANT: Iwato, Satoko
; APPLICANT: Handa, Hiroshi
; APPLICANT: Kubota, Aiko
; APPLICANT: Fukui, Masanori
; TITLE OF INVENTION: METHOD FOR DETERMINATION OF SPECIFIC
; NUCLEIC ACID SEQUENCE AND A REAGENT THEREFOR
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FITZPATRICK, CELLA, HARPER & SCINTO
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10112-3801
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette-3.5 inch, 1440 Kb storage
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/441,522
; FILING DATE: 07-Feb-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/964,646
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Perry, Lawrence S.
; REGISTRATION NUMBER: 31865
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-218-2100
; TELEFAX: 212-218-2200
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid, synthetic DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-09-441-522-26

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGTCCA 1147
DB 2 CGCACCAAGCTCCA 15

RESULT 587
US-09-950-459-5/c
; Sequence 5, Application US/09950459
; Patent No. US20020064772A1
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Flandaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; FILE REFERENCE: BP9703US-DV1
; CURRENT APPLICATION NUMBER: US/09/950,459
; CURRENT FILING DATE: 2001-09-10
; PRIOR FILING DATE: 1997-10-27
; PRIOR FILING DATE: 1997-10-27
; PRIOR FILING DATE: 1997-10-27
; PRIOR FILING DATE: 1997-10-27
; PRIOR FILING DATE: 1997-10-27
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
```



Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGGTG 315  
|||||  
Db 1 TGGAGCTGTGGCG 14

## RESULT 589

US-09-441-522-26/c  
; Sequence 26, Application US/09441522  
; Patent No. US20020076696A1  
; GENERAL INFORMATION:

APPLICANT: Kawaguchi, Haruma

; Fujimoto, Keiji

; Iwato, Satoko

; Handa, Hiroshi

; Kubota, Aiko

; Fukui, Masanori

; TITLE OF INVENTION: METHOD FOR DETERMINATION OF SPECIFIC

; NUCLEIC ACID SEQUENCE AND A REAGENT THEREFOR

; NUMBER OF SEQUENCES: 33

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: FITZPATRICK, CELLA, HARPER & SCINTO

; STREET: 30 Rockefeller Plaza

; CITY: New York

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 10112-3801

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette-3.5 inch, 1440 Kb storage

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/441,522

; FILING DATE: 07-Feb-2002

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/964,646

; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:

; NAME: Perry, Lawrence S.

; REGISTRATION NUMBER: 31865

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 212-218-2100

; TELEFAX: 212-218-2200

; INFORMATION FOR SEQ ID NO: 26:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 bases

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: Other nucleic acid, synthetic DNA

; SEQUENCE DESCRIPTION: SEQ ID NO: 26:

US-09-441-522-26

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGTCCA 1147  
|||||  
Db 14 CGCCACAGCTCCA 1

## RESULT 590

US-09-274-553D-300  
; Sequence 300, Application US/09274553D  
; Patent No. US20020082225A1  
; GENERAL INFORMATION:

APPLICANT: Blatt, Lawrence

; APPLICANT: McSwiggen, James

; APPLICANT: Roberts, Beth

APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELI  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 300  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-274-553D-300

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 78.6%; Pred. No. 3.7e+02;

Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 872 AGGACTCAGGCACC 885  
|||||

Db 2 AGGGCUCAGGCUCC 15  
|||||

## RESULT 591

US-09-274-553D-385/c  
; Sequence 385, Application US/09274553D  
; Patent No. US20020082225A1  
; GENERAL INFORMATION:

APPLICANT: Blatt, Lawrence

; APPLICANT: McSwiggen, James

; APPLICANT: Roberts, Beth

; APPLICANT: Pavco, Pamela

; APPLICANT: Macejak, Dennis

; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELI

; FILE REFERENCE: IPI 247/282

; CURRENT APPLICATION NUMBER: US/09/274,553D

; PRIOR FILING DATE: 1999-03-23

; PRIOR APPLICATION NUMBER: 09/257,608

; PRIOR FILING DATE: 1999-02-24

; PRIOR APPLICATION NUMBER: 60/100,842

; PRIOR FILING DATE: 1998-09-18

; PRIOR APPLICATION NUMBER: 60/083,217

; PRIOR FILING DATE: 1998-04-27

; NUMBER OF SEQ ID NOS: 3148

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 385

; LENGTH: 15

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-274-553D-385

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 AGGGGGTGCACCCC 1224  
|||||

Db 14 AGGGGGGAGACCCC 1  
|||||

## RESULT 592

US-09-274-553D-653/c  
; Sequence 653, Application US/09274553D  
; Patent No. US20020082225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 653  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-653

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 735 GAAACAGACACCG 748  
DB 15 GAAACAGTACACTG 2

RESULT 593  
US-09-274-553D-776/c  
; Sequence 776, Application US/09274553D  
; Patent No. US20020082225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 776  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-776

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1042 ACTACTAAGCCCT 1055  
DB 14 ACGATAAGCCCT 1

## RESULT 594

US-09-274-553D-856/c  
; Sequence 856, Application US/09274553D  
; Patent No. US20020082225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 856  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-856

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1056 GGCCCCCAACCCAA 1069  
DB 14 GGCCCCAACCCTA 1

## RESULT 595

US-09-274-553D-949  
; Sequence 949, Application US/09274553D  
; Patent No. US20020082225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL  
; FILE REFERENCE: IPI 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 949  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
US-09-274-553D-949

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
;
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-949

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1085 CAGGCTTACCCCC 1098
    |||||:|||||
Db 2 CAGGCCUCCACCUCC 15

RESULT 596
US-09-274-553D-949/c
; Sequence 949, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: HEPATITIS C VIRUS INFECTION
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1998-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 949
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-949

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1021 GAGGGGAGCTTGA 1034
    |||||:|||||
Db 14 GAGGTGAGCTTGA 1

RESULT 597
US-09-891-517-50/c
; Sequence 50, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; FILE REFERENCE: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; TITLE OF INVENTION: METHOD
; CURRENT APPLICATION NUMBER: US/09/891,517
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JF2000-193133
; PRIOR FILING DATE: 2000-06-27
```

```
;
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 50
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-50

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
    |||||:|||||
Db 14 AAAAAGGGGGGGG 1

RESULT 598
US-09-825-805-137/c
; Sequence 137, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle
; FILE REFERENCE: MBH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 137
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-09-825-805-137

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1051 CCCCTGGCCCCAAA 1064
    |||||:|||||
Db 15 CTCCTGGCCCCGAA 2

RESULT 599
US-09-739-909-1
; Sequence 1, Application US/09739909
```

```

; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Tereba, Allan
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP of PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-909-1

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1249 GACCCCATCCCCAA 1262
      |||||
Db 2 GACCCCATCTCTAA 15

RESULT 600
US-09-771-933-173/c
; Sequence 173, Application US/09771933
; Publication No. US2003002387A1
; GENERAL INFORMATION:
; APPLICANT: Gill-Garrison, Rosalynn D
; APPLICANT: Martin, Christopher J
; APPLICANT: Sanchez-Felix, Manuel V
; TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk
; TITLE OF INVENTION: Factors
; FILE REFERENCE: 620-130
; CURRENT APPLICATION NUMBER: US/09/771,933
; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 173
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-771-933-173

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 910 TTCTTTGGTCTTTC 923
      |||||
Db 14 TTTTTCGTATTTC 1

RESULT 601
US-09-877-478-6005
; Sequence 6005, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

```

```

; FILE REFERENCE: MHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: Patent version 3.0
; SEQ ID NO 6005
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-6005

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 3.7e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 929 TATCCCTCCCTTC 942
      :||:|:|:|:|:|
Db 1 UAUGCCUACUUC 14

RESULT 602
US-09-848-754A-9233
; Sequence 9233, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel:
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: Patent version 3.0
; SEQ ID NO 9233
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid
US-09-848-754A-9233

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1088 GCTTCACCCCCACC 1101
      ||:|:|:|:|:|
Db 1 GCCUACCCUCCACC 14

RESULT 603
US-09-848-754A-9628
; Sequence 9628, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel:

```

; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors

; FILE REFERENCE: MBH00-958-I (400/018)

; CURRENT APPLICATION NUMBER: US/09/848,754A

; CURRENT FILING DATE: 2001-05-03

; NUMBER OF SEQ ID NOS: 9645

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 9628

; LENGTH: 15

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid

US-09-848-754A-9628

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 64.3%; Pred. No. 3.7e+02;

Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 882 CACCACAGTGCTGT 895

||||| ||| :|:

Db 2 CACCAGAGUGUGU 15

RESULT 604

US-09-565-191-5

; Sequence 5, Application US/09565191

; Publication No. US20030124521A1

; GENERAL INFORMATION:

; APPLICANT: COULL, JAMES M.

; APPLICANT: HYLDIG-NIELSEN, JENS J.

; APPLICANT: GODTFREDSEN, SVEN E.

; APPLICANT: FIANDACA, MARK J.

; APPLICANT: STEFANO, KYRIAKI

; TITLE OF INVENTION: METHODS, KITS AND COMPOSITIONS FOR SUPPRESSING THE

; TITLE OF INVENTION: BINDING OF DETECTABLE PROBES TO NON-TARGET SEQUENCES IN

; TITLE OF INVENTION: HYBRIDIZATION ASSAYS

; FILE REFERENCE: BP9701US-CP1-DV1

; CURRENT APPLICATION NUMBER: US/09/565,191

; CURRENT FILING DATE: 2000-05-04

; PRIOR APPLICATION NUMBER: 08/963,472

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 08/937,709

; PRIOR FILING DATE: 1997-09-25

; PRIOR APPLICATION NUMBER: 60/032,349

; PRIOR FILING DATE: 1996-12-04

; NUMBER OF SEQ ID NOS: 16

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 5

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (1)

; OTHER INFORMATION: 5'-FLUORESCIN

; OTHER INFORMATION: Description of Artificial Sequence:Synthetic

; OTHER INFORMATION: Oligonucleotide

US-09-565-191-5

Query Match

Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCAGCTCCA 1147

||||| ||| |||

Db 2 CGCCACCAGCTCCA 15

RESULT 605

US-09-565-191-5/c

; Sequence 5, Application US/09565191

; Publication No. US20030124521A1

; GENERAL INFORMATION:

; APPLICANT: COULL, JAMES M.  
; APPLICANT: HYLDIG-NIELSEN, JENS J.  
; APPLICANT: GODTFREDSEN, SVEN E.  
; APPLICANT: FIANDACA, MARK J.  
; APPLICANT: STEFANO, KYRIAKI  
; TITLE OF INVENTION: METHODS, KITS AND COMPOSITIONS FOR SUPPRESSING THE  
; TITLE OF INVENTION: BINDING OF DETECTABLE PROBES TO NON-TARGET SEQUENCES IN  
; TITLE OF INVENTION: HYBRIDIZATION ASSAYS  
; FILE REFERENCE: BP9701US-CP1-DV1  
; CURRENT APPLICATION NUMBER: US/09/565,191  
; CURRENT FILING DATE: 2000-05-04  
; PRIOR APPLICATION NUMBER: 08/963,472  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 08/937,709  
; PRIOR FILING DATE: 1997-09-25  
; PRIOR APPLICATION NUMBER: 60/032,349  
; PRIOR FILING DATE: 1996-12-04  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 5  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (1)  
; OTHER INFORMATION: 5'-FLUORESCIN  
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic  
; OTHER INFORMATION: Oligonucleotide  
US-09-565-191-5

Query Match

Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGTGCG 315

||||| ||| |||

Db 15 TGGAGCTGTGTGCG 2

RESULT 606

US-09-565-191-9

; Sequence 9, Application US/09565191

; Publication No. US20030124521A1

; GENERAL INFORMATION:

; APPLICANT: COULL, JAMES M.

; APPLICANT: HYLDIG-NIELSEN, JENS J.

; APPLICANT: GODTFREDSEN, SVEN E.

; APPLICANT: FIANDACA, MARK J.

; APPLICANT: STEFANO, KYRIAKI

; TITLE OF INVENTION: METHODS, KITS AND COMPOSITIONS FOR SUPPRESSING THE

; TITLE OF INVENTION: BINDING OF DETECTABLE PROBES TO NON-TARGET SEQUENCES IN

; TITLE OF INVENTION: HYBRIDIZATION ASSAYS

; FILE REFERENCE: BP9701US-CP1-DV1

; CURRENT APPLICATION NUMBER: US/09/565,191

; CURRENT FILING DATE: 2000-05-04

; PRIOR APPLICATION NUMBER: 08/963,472

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 08/937,709

; PRIOR FILING DATE: 1997-09-25

; PRIOR APPLICATION NUMBER: 60/032,349

; PRIOR FILING DATE: 1996-12-04

; NUMBER OF SEQ ID NOS: 16

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 9

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:Synthetic

; OTHER INFORMATION: Oligonucleotide

US-09-565-191-9

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCA 1147  
| | | | | | | | | | | | | | | | |  
Db 2 CGCCACCAGCTCCA 15

## RESULT 607

US-09-565-191-9/c  
; Sequence 9, Application US/09565191  
; Publication No. US20030124521A1  
; GENERAL INFORMATION:  
; APPLICANT: COULL, JAMES M.  
; APPLICANT: HYLDIG-NIELSEN, JENS J.  
; APPLICANT: GODTFREDSEN, SVEN E.  
; APPLICANT: FIANDACA, MARK J.  
; APPLICANT: STEFANO, KYRIAKI  
; TITLE OF INVENTION: METHODS, KITS AND COMPOSITIONS FOR SUPPRESSING THE  
; TITLE OF INVENTION: BINDING OF DETECTABLE PROBES TO NON-TARGET SEQUENCES IN  
; TITLE OF INVENTION: HYBRIDIZATION ASSAYS  
; FILE REFERENCE: BP9701US-CP1-DV1  
; CURRENT APPLICATION NUMBER: US/09/565,191  
; CURRENT FILING DATE: 2000-05-04  
; PRIOR APPLICATION NUMBER: 08/963,472  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 08/937,709  
; PRIOR FILING DATE: 1997-09-25  
; PRIOR APPLICATION NUMBER: 60/032,349  
; PRIOR FILING DATE: 1996-12-04  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: Patent in Ver. 2.1  
; SEQ ID NO 9  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Oligonucleotide  
US-09-565-191-9

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGGTG 315  
| | | | | | | | | | | | | | | | |  
Db 15 TGGAGCTGTGGTG 2

## RESULT 608

US-09-793-146-57  
; Sequence 57, Application US/09793146  
; Publication No. US20030203359A1  
; GENERAL INFORMATION:  
; APPLICANT: UHLMANN, EUGEN  
; APPLICANT: BREIPOHL, GERHARD  
; TITLE OF INVENTION: POLYAMIDE-OLIGONUCLEOTIDE DERIVATIVES, THEIR  
; TITLE OF INVENTION: PREPARATION AND USE  
; FILE REFERENCE: 02481.1437-02  
; CURRENT APPLICATION NUMBER: US/09/793,146  
; CURRENT FILING DATE: 2001-02-27  
; PRIOR APPLICATION NUMBER: P 44 08 528.1  
; PRIOR FILING DATE: 1994-03-14  
; PRIOR APPLICATION NUMBER: 08/402,838  
; PRIOR FILING DATE: 1995-03-13  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: Patent in Ver. 2.1  
; SEQ ID NO 57  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic PNA  
US-09-793-146-57

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGGGGGGAG 1029  
| | | | | | | | | | | | | | | | |  
Db 2 AAAAAGGGGGGGG 15

## RESULT 609

US-09-875-211-16  
; Sequence 16, Application US/09875211  
; Publication No. US20030207266A1  
; GENERAL INFORMATION:  
; APPLICANT: Chen, Caifu  
; APPLICANT: Egholm, Michael  
; APPLICANT: Hafl, Lawrence  
; TITLE OF INVENTION: ASYNCHRONOUS PRIMED PCR  
; FILE REFERENCE: 4563US  
; CURRENT APPLICATION NUMBER: US/09/875,211  
; CURRENT FILING DATE: 2001-06-05  
; PRIOR APPLICATION NUMBER: 60/209,883  
; PRIOR FILING DATE: 2000-06-06  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 16  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-875-211-16

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCA 1147  
| | | | | | | | | | | | | | | | |  
Db 2 CGCCACCAGCTCCA 15

## RESULT 610

US-09-875-211-16/c  
; Sequence 16, Application US/09875211  
; Publication No. US20030207266A1  
; GENERAL INFORMATION:  
; APPLICANT: Chen, Caifu  
; APPLICANT: Egholm, Michael  
; APPLICANT: Hafl, Lawrence  
; TITLE OF INVENTION: ASYNCHRONOUS PRIMED PCR  
; FILE REFERENCE: 4563US  
; CURRENT APPLICATION NUMBER: US/09/875,211  
; CURRENT FILING DATE: 2001-06-05  
; PRIOR APPLICATION NUMBER: 60/209,883  
; PRIOR FILING DATE: 2000-06-06  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 16  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-875-211-16

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGGTG 315  
| | | | | | | | | | | | | | | | |  
Db 15 TGGAGCTGTGGTG 2

## RESULT 611

US-10-113-877-35/c  
; Sequence 35, Application US/10113877  
; Publication No. US20020177218A1  
; GENERAL INFORMATION:  
; APPLICANT: Pang, Yu  
; APPLICANT: Wang, Xiao-Yang  
; APPLICANT: Turpin, Pierre  
; TITLE OF INVENTION: Methods of detecting multiple DNA  
; TITLE OF INVENTION: binding protein and DNA interactions in a sample, and  
; TITLE OF INVENTION: devices, systems and kits for practicing the same.  
; FILE REFERENCE: CLON-071  
; CURRENT APPLICATION NUMBER: US/10/113,877  
; CURRENT FILING DATE: 2002-03-29  
; PRIOR APPLICATION NUMBER: 60/280,658  
; PRIOR FILING DATE: 2001-03-30  
; PRIOR APPLICATION NUMBER: 60/314,330  
; PRIOR FILING DATE: 2001-08-20  
; NUMBER OF SEQ ID NOS: 192  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 35  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide  
US-10-113-877-35

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 740 AGAACACCCGTGTC 753  
DB 15 AGAACACCCGTGAC 2

## RESULT 612

US-10-056-414-10/c  
; Sequence 10, Application US/10056414  
; Publication No. US20030003469A1  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth G.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; DISEASES OR CONDITIONS  
; RELATED TO LEVELS OF  
; NF-KB  
; NUMBER OF SEQUENCES: 830  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/056,414  
; FILING DATE: 23-Jan-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/291,932A  
; FILING DATE: August 15, 1994

; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/157  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 953-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
US-10-056-414-10

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 731 AGGAGAAACAGAAC 744  
DB 14 AGGGGAAACAGATC 1

## RESULT 613

US-10-056-414-124/c  
; Sequence 124, Application US/10056414  
; Publication No. US20030003469A1  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth G.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; DISEASES OR CONDITIONS  
; RELATED TO LEVELS OF  
; NF-KB  
; NUMBER OF SEQUENCES: 830  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/056,414  
; FILING DATE: 23-Jan-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/291,932A  
; FILING DATE: August 15, 1994  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/157  
; TELECOMMUNICATION INFORMATION:





```
Db      14 GAAGATGAGGGGGA 1
;
; TITLE OF INVENTION: ALCOHOL OXIDASE 1 REGULATORY NUCLEOTIDE SEQUENCES FOR HETEROLOG
; TITLE OF INVENTION: EXPRESSION IN YEAST
; FILE REFERENCE: UNL 3071.1
; CURRENT APPLICATION NUMBER: US/10/116,993
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: US 60/281,861
; PRIOR FILING DATE: 2001-04-05
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 15
; TYPE: DNA
; ORGANISM: methylotrophic yeast
;
US-10-116-993-11
;
Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      728 GCAGGAGAAACAG 741
Db      15 GCAGGATAGACAG 2
;
RESULT 618
US-10-043-875-463
; Sequence 463, Application US/10043875
; Publication No. US20030054339A1
; GENERAL INFORMATION:
; APPLICANT: De Smet, Koenraad
; APPLICANT: Stuyver, Lieven
; TITLE OF INVENTION: Method for Detection of Drug-Induced Mutations in the HIV Revers
; TITLE OF INVENTION: Transcriptase Gene
; FILE REFERENCE: 11362-0033-NPUS01 (INNS:033)
; CURRENT APPLICATION NUMBER: US/10/043,875
; CURRENT FILING DATE: 2002-04-03
; PRIOR APPLICATION NUMBER: 60/286,102
; PRIOR FILING DATE: 2001-04-24
; PRIOR APPLICATION NUMBER: EP 01870085.6
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: EP 01870005.4
; PRIOR FILING DATE: 2001-01-11
; NUMBER OF SEQ ID NOS: 884
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 463
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Human immunodeficiency virus
;
US-10-043-875-463
;
Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1212 GGGGGCTGACCCCA 1225
Db      2 GGGGGCTTACCACA 15
;
RESULT 619
US-10-043-875-880
; Sequence 880, Application US/10043875
; Publication No. US20030054339A1
; GENERAL INFORMATION:
; APPLICANT: De Smet, Koenraad
; APPLICANT: Stuyver, Lieven
; TITLE OF INVENTION: Method for Detection of Drug-Induced Mutations in the HIV Revers
; TITLE OF INVENTION: Transcriptase Gene
; FILE REFERENCE: 11362-0033-NPUS01 (INNS:033)
; CURRENT APPLICATION NUMBER: US/10/043,875
; CURRENT FILING DATE: 2002-04-03
; PRIOR APPLICATION NUMBER: 60/286,102
; PRIOR FILING DATE: 2001-04-24
;
;
Db      1048 AAGCCCTGGCCCC 1061
;
RESULT 617
US-10-116-993-11/c
; Sequence 11, Application US/10116993
; Publication No. US2003004947A1
; GENERAL INFORMATION:
; APPLICANT: The Board of Regents of the University of Nebraska
```

```
; PRIOR APPLICATION NUMBER: EP 01870085.6
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: EP 01870005.4
; PRIOR FILING DATE: 2001-01-11
; NUMBER OF SEQ ID NOS: 884
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 880
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Human immunodeficiency virus
US-10-043-875-880

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1212 GGGGGCTGACCCCA 1225
Db 2 GGGGGCTTACCACA 15
|||||

RESULT 620
US-10-152-123-23
; Sequence 23, Application US/10152123
; Publication No. US20030072712A1
; GENERAL INFORMATION:
; APPLICANT: Lin, Kuei-Ying
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners
; FILE REFERENCE: GLIS0127
; CURRENT APPLICATION NUMBER: US/10/152,123
; CURRENT FILING DATE: 2002-05-21
; PRIOR APPLICATION NUMBER: US/09/400,502
; PRIOR FILING DATE: 1999-09-21
; PRIOR APPLICATION NUMBER: 08/966,392
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; LOCATION: (1)
; OTHER INFORMATION: No. US20030072712A1el Sequence
US-10-152-123-23

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGAGAGAG 14
|||||

RESULT 621
US-10-152-123-24
; Sequence 24, Application US/10152123
; Publication No. US20030072712A1
; GENERAL INFORMATION:
; APPLICANT: Lin, Kuei-Ying
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners
; FILE REFERENCE: GLIS0127
; CURRENT APPLICATION NUMBER: US/10/152,123
; CURRENT FILING DATE: 2002-05-21
; PRIOR APPLICATION NUMBER: US/09/400,502
; PRIOR FILING DATE: 1999-09-21
; PRIOR APPLICATION NUMBER: 08/966,392
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24

; PRIOR APPLICATION NUMBER: EP 01870085.6
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: EP 01870005.4
; PRIOR FILING DATE: 2001-01-11
; NUMBER OF SEQ ID NOS: 884
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 880
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030072712A1el Sequence
US-10-152-123-24

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGAGAGAG 14
|||||

RESULT 622
US-10-159-495-4
; Sequence 4, Application US/10159495
; Publication No. US20030073106A1
; GENERAL INFORMATION:
; APPLICANT: Johansen, Jack T
; APPLICANT: Hyldig-Nielsen, Jens J
; APPLICANT: Fiandaca, Mark J
; APPLICANT: Coull, James M
; TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of
; FILE REFERENCE: Nucleic Acids Electrostatically Bound To Matrices
; CURRENT APPLICATION NUMBER: US/10/159,495
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: 09/456,773
; PRIOR FILING DATE: 1999-12-08
; PRIOR APPLICATION NUMBER: 60/111,439
; PRIOR FILING DATE: 1998-12-08
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' fluorescein label
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: probe, primer or target
US-10-159-495-4

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCA 1147
Db 2 CGCCACCAGCTCCA 15
|||||

RESULT 623
US-10-159-495-4/c
; Sequence 4, Application US/10159495
; Publication No. US20030073106A1
; GENERAL INFORMATION:
; APPLICANT: Johansen, Jack T
; APPLICANT: Hyldig-Nielsen, Jens J
; APPLICANT: Fiandaca, Mark J
; APPLICANT: Coull, James M
; TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of
; FILE REFERENCE: Nucleic Acids Electrostatically Bound To Matrices
; CURRENT APPLICATION NUMBER: US/10/159,495
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: 09/456,773
```

```

; PRIOR FILING DATE: 1999-12-08
; PRIOR APPLICATION NUMBER: 60/111,439
; PRIOR FILING DATE: 1998-12-08
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' fluorescein label
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic
; OTHER INFORMATION: probe, primer or target
US-10-159-495-4

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      302 TGGAGCTGTGGTG 315
          |||||
Db       15 TGGAGCTGTGGCG 2

RESULT 624
US-10-152-297-87
; Sequence 87, Application US/10152297
; Publication No. US20030077621A1
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: PRO-104 6868/75529
; CURRENT APPLICATION NUMBER: US/10/152,297
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: US/09/383,316
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 87
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe to AluI
; OTHER INFORMATION: human gene
US-10-152-297-87

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1249 GACCCCATCCCCAA 1262
          |||||

```

RESULT 627  
US-10-159-322-4  
; Sequence 4, Application US/10159322  
; Publication No. US20030091988A1  
; GENERAL INFORMATION:  
; APPLICANT: Johansen, Jack T  
; APPLICANT: Hyldig-Nielsen, Jens J  
; APPLICANT: Fiandaca, Mark J  
; APPLICANT: Coull, James M  
; TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of  
; FILE REFERENCE: Nucleic Acids Electrostatically Bound To Matrices  
; CURRENT APPLICATION NUMBER: US/10/159,322  
; CURRENT FILING DATE: 2002-05-31  
; PRIOR APPLICATION NUMBER: 09/456,773  
; PRIOR FILING DATE: 1999-12-08  
; PRIOR APPLICATION NUMBER: 60/111,439  
; PRIOR FILING DATE: 1998-12-08  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)  
; OTHER INFORMATION: 5' fluorescein label  
; OTHER INFORMATION: Description of Artificial Sequence:synthetic  
; OTHER INFORMATION: probe, primer or target  
US-10-159-322-4

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCA 1147  
DB 2 CGCCACCAGCTCCA 15

RESULT 628  
US-10-159-322-4/c  
; Sequence 4, Application US/10159322  
; Publication No. US20030091988A1  
; GENERAL INFORMATION:  
; APPLICANT: Johansen, Jack T  
; APPLICANT: Hyldig-Nielsen, Jens J  
; APPLICANT: Fiandaca, Mark J  
; APPLICANT: Coull, James M  
; TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of  
; FILE REFERENCE: Nucleic Acids Electrostatically Bound To Matrices  
; CURRENT APPLICATION NUMBER: US/10/159,322  
; CURRENT FILING DATE: 2002-05-31  
; PRIOR APPLICATION NUMBER: 09/456,773  
; PRIOR FILING DATE: 1999-12-08  
; PRIOR APPLICATION NUMBER: 60/111,439  
; PRIOR FILING DATE: 1998-12-08  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)  
; OTHER INFORMATION: 5' fluorescein label  
; OTHER INFORMATION: Description of Artificial Sequence:synthetic  
; OTHER INFORMATION: probe, primer or target

US-10-159-322-4

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGGTG 315  
DB 15 TGGAGCTGTGGCG 2

RESULT 629  
US-10-024-818-6  
; Sequence 6, Application US/10024818  
; Publication No. US20030096980A1  
; GENERAL INFORMATION:  
; APPLICANT: Froehler, Brian  
; APPLICANT: Wagner, Rick  
; APPLICANT: Mateucci, Mark  
; APPLICANT: Jones, Robert J.  
; APPLICANT: Gutierrez, Arnold J.  
; APPLICANT: Pudlo, Jeff  
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomer  
; FILE REFERENCE: GLIS0143  
; CURRENT APPLICATION NUMBER: US/10/024,818  
; CURRENT FILING DATE: 2001-12-18  
; PRIOR APPLICATION NUMBER: 08/599,738  
; PRIOR FILING DATE: 1996-02-12  
; NUMBER OF SEQ ID NOS: 54  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 6  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic construct  
US-10-024-818-6

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029  
DB 1 AAAAAGAGAGAG 14

RESULT 630  
US-10-024-818-12  
; Sequence 12, Application US/10024818  
; Publication No. US20030096980A1  
; GENERAL INFORMATION:  
; APPLICANT: Froehler, Brian  
; APPLICANT: Wagner, Rick  
; APPLICANT: Mateucci, Mark  
; APPLICANT: Jones, Robert J.  
; APPLICANT: Gutierrez, Arnold J.  
; APPLICANT: Pudlo, Jeff  
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomer  
; FILE REFERENCE: GLIS0143  
; CURRENT APPLICATION NUMBER: US/10/024,818  
; CURRENT FILING DATE: 2001-12-18  
; PRIOR APPLICATION NUMBER: 08/599,738  
; PRIOR FILING DATE: 1996-02-12  
; NUMBER OF SEQ ID NOS: 54  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 12  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: Synthetic construct  
US-10-024-818-12

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAGAGGGGAG 1029  
|||||  
Db 1 AAAAGAGAGAG 14

## RESULT 631

US-10-024-818-40/C  
; Sequence 40, Application US/10024818  
; Publication No. US20030096980A1  
; GENERAL INFORMATION:  
; APPLICANT: Froehler, Brian  
; APPLICANT: Wagner, Rick  
; APPLICANT: Mateucci, Mark  
; APPLICANT: Jones, Robert J.  
; APPLICANT: Gutierrez, Arnold J.  
; APPLICANT: Pudlo, Jeff  
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers  
; FILE REFERENCE: GLS0143  
; CURRENT APPLICATION NUMBER: US/10/024,818  
; CURRENT FILING DATE: 2001-12-18  
; PRIOR APPLICATION NUMBER: 08/599,738  
; PRIOR FILING DATE: 1996-02-12  
; NUMBER OF SEQ ID NOS: 54  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 40  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic construct  
US-10-024-818-40

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAGAGGGGAG 1029  
|||||  
Db 15 AAAAGAGAGAG 2

## RESULT 632

US-10-024-818-49  
; Sequence 49, Application US/10024818  
; Publication No. US20030096980A1  
; GENERAL INFORMATION:  
; APPLICANT: Froehler, Brian  
; APPLICANT: Wagner, Rick  
; APPLICANT: Mateucci, Mark  
; APPLICANT: Jones, Robert J.  
; APPLICANT: Gutierrez, Arnold J.  
; APPLICANT: Pudlo, Jeff  
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers  
; FILE REFERENCE: GLS0143  
; CURRENT APPLICATION NUMBER: US/10/024,818  
; CURRENT FILING DATE: 2001-12-18  
; PRIOR APPLICATION NUMBER: 08/599,738  
; PRIOR FILING DATE: 1996-02-12  
; NUMBER OF SEQ ID NOS: 54  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 49  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Synthetic construct  
US-10-024-818-49

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAGAGGGGAG 1029  
|||||  
Db 1 AAAAGAGAGAG 14

## RESULT 633

US-10-084-814-73  
; Sequence 73, Application US/10084814  
; Publication No. US20030108982A1  
; GENERAL INFORMATION:  
; APPLICANT: SLIJKHUIS, HERMAN; SELTEN,  
; GERARDUS CORNELIS MARIA; SMAAL,  
; ERIC BASTIAAN  
; TITLE OF INVENTION: PROCESS FOR OXIDATION OF  
; STEROIDS AND GENETICALLY ENGINEERED CELLS  
; USED THEREIN  
; NUMBER OF SEQUENCES: 79  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BIERMAN, MUSERLIAN & LUCAS  
; STREET: 600 THIRD AVENUE  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10016  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: MICROSOFT WORD 97  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/084,814  
; FILING DATE: 26-Feb-2002  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/418,085  
; FILING DATE: 06-APR-1995  
; APPLICATION NUMBER: 08/054,185  
; FILING DATE: 26-APR-1993  
; APPLICATION NUMBER: 08/002,608  
; FILING DATE: 11-JAN-1993  
; APPLICATION NUMBER: 07/474,857  
; FILING DATE: 30-OCT-1990  
; APPLICATION NUMBER: 07/474,798  
; FILING DATE: 16-JULY-1990  
; APPLICATION NUMBER: PCT/NL89/00072  
; FILING DATE: 25-SEPT-1989  
; APPLICATION NUMBER: NL88/200904.6  
; FILING DATE: 06-MAY-1988  
; APPLICATION NUMBER: NL/88/202080.3  
; FILING DATE: 03-SEP-1988  
; ATTORNEY/AGENT INFORMATION:  
; NAME: CHARLES A. MUSERLIAN  
; REGISTRATION NUMBER: 19,683  
; REFERENCE/DOCKET NUMBER: 146.1169-  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 661-8000  
; TELEFAX: (212) 661-8002  
; INFORMATION FOR SEQ ID NO: 73:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 BASE PAIRS  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: SINGLE  
; TOPOLOGY: LINEAR  
; SEQUENCE DESCRIPTION: SEQ ID NO: 73:  
US-10-084-814-73

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1056 GGCCCAACCAAA 1069  
Db 1 GGCCCAACCAAA 14  
|||||

RESULT 634  
US-10-171-270-2/c  
; Sequence 2, Application US/10171270  
; Publication No. US20030120065A1  
; GENERAL INFORMATION:  
; APPLICANT: Froehler, Brian C.  
; APPLICANT: Gutierrez, Arnold J.  
; APPLICANT: Matteucci, Mark D.  
; TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides  
; FILE REFERENCE: GLIS0142  
; CURRENT APPLICATION NUMBER: US/10/171,270  
; CURRENT FILING DATE: 2002-06-13  
; PRIOR APPLICATION NUMBER: US/09/717,422  
; PRIOR FILING DATE: 2000-11-21  
; PRIOR APPLICATION NUMBER: 08/906,378  
; PRIOR FILING DATE: 1997-08-05  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: No. US20030120065A1el Sequence  
US-10-171-270-2

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029  
Db 15 AAAAAGAGAGAGAG 2  
|||||

RESULT 635  
US-10-128-560-219  
; Sequence 219, Application US/10128560  
; Publication No. US20030134272A1  
; GENERAL INFORMATION:  
; APPLICANT: Universiteit Gent  
; TITLE OF INVENTION: Improved mutation analysis of the NPI Gene  
; FILE REFERENCE: UG-005-PCI  
; CURRENT APPLICATION NUMBER: US/10/128,560  
; CURRENT FILING DATE: 2002-04-18  
; PRIOR APPLICATION NUMBER: EP 99870216.1  
; PRIOR FILING DATE: 1999-10-18  
; PRIOR APPLICATION NUMBER: EP 00870122.9  
; PRIOR FILING DATE: 2000-06-05  
; PRIOR APPLICATION NUMBER: UG 60/211,929  
; PRIOR FILING DATE: 2000-06-16  
; NUMBER OF SEQ ID NOS: 264  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 219  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-128-560-219

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 904 GTCAATTTCTTTGG 917  
Db 1 GTCAATTTCTTTGG 14  
|||||

RESULT 636  
US-10-294-203-6  
; Sequence 6, Application US/10294203  
; Publication No. US20030170680A1  
; GENERAL INFORMATION:  
; APPLICANT: Froehler, Brian  
; APPLICANT: Wagner, Rick  
; APPLICANT: Matteucci, Mark  
; APPLICANT: Jones, Robert J.  
; APPLICANT: Gutierrez, Arnold J.  
; APPLICANT: Pudlo, Jeff  
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomer;  
; FILE REFERENCE: GLIS0155  
; CURRENT APPLICATION NUMBER: US/10/294,203  
; CURRENT FILING DATE: 2002-01-22  
; PRIOR APPLICATION NUMBER: 08/599,738  
; PRIOR FILING DATE: 1996-02-12  
; PRIOR APPLICATION NUMBER: 10/024,818  
; PRIOR FILING DATE: 2001-12-18  
; NUMBER OF SEQ ID NOS: 54  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 6  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic construct  
US-10-294-203-6

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029  
Db 1 AAAAAGAGAGAGAG 14  
|||||

RESULT 637  
US-10-294-203-12  
; Sequence 12, Application US/10294203  
; Publication No. US20030170680A1  
; GENERAL INFORMATION:  
; APPLICANT: Froehler, Brian  
; APPLICANT: Wagner, Rick  
; APPLICANT: Matteucci, Mark J.  
; APPLICANT: Jones, Robert J.  
; APPLICANT: Gutierrez, Arnold J.  
; APPLICANT: Pudlo, Jeff  
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomer;  
; FILE REFERENCE: GLIS0155  
; CURRENT APPLICATION NUMBER: US/10/294,203  
; CURRENT FILING DATE: 2002-01-22  
; PRIOR APPLICATION NUMBER: 08/599,738  
; PRIOR FILING DATE: 1996-02-12  
; PRIOR APPLICATION NUMBER: 10/024,818  
; PRIOR FILING DATE: 2001-12-18  
; NUMBER OF SEQ ID NOS: 54  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 12  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic construct  
US-10-294-203-12

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-294-203-49

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGAGAGAG 14

RESULT 638
US-10-294-203-40/c
; Sequence 40, Application US/10294203
; Publication No. US20030170680A1
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Wagner, Rick
; APPLICANT: Mateucci, Mark
; APPLICANT: Jones, Robert J.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Pudlo, Jeff
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; TITLE OF INVENTION: Containing Modified Pyrimidines
; FILE REFERENCE: GLIS0155
; CURRENT APPLICATION NUMBER: US/10/294,203
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 08/599,738
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: 10/024,818
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 40
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-294-203-40

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 639
US-10-294-203-49
; Sequence 49, Application US/10294203
; Publication No. US20030170680A1
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Wagner, Rick
; APPLICANT: Mateucci, Mark
; APPLICANT: Jones, Robert J.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Pudlo, Jeff
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; TITLE OF INVENTION: Containing Modified Pyrimidines
; FILE REFERENCE: GLIS0155
; CURRENT APPLICATION NUMBER: US/10/294,203
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 08/599,738
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: 10/024,818
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49
; LENGTH: 15
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-294-203-49

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGAGAGAG 14

RESULT 640
US-10-044-674-44
; Sequence 44, Application US/10044674
; Publication No. US2003017510A1
; GENERAL INFORMATION:
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Bieglecki, Karyn M
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: HAPLOTYPES OF THE TNFRSF11B GENE
; FILE REFERENCE: TNFRSF11B.MWH-0001US (CIP)
; CURRENT APPLICATION NUMBER: US/10/044,674
; CURRENT FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: PCT/US00/18803
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 44
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-044-674-44

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 919 CTTTGCCCTTTTATC 932
Db 2 CTTTGCAATTTTARC 15

RESULT 641
US-10-277-494-57
; Sequence 57, Application US/10277494
; Publication No. US20030186909A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or conditions Related To Le
; TITLE OF INVENTION: Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-K (400/064)
; CURRENT APPLICATION NUMBER: US/10/277,494
; CURRENT FILING DATE: 2002-10-21
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 57
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-277-494-57

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 3.7e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 882 CACCACAGTGTGT 895
```

Db 2 CACCAGAGUGAUG 15  
||||| ||:| |:

## RESULT 642

US-10-277-494-73  
; Sequence 73, Application US/10277494  
; Publication No. US2003018690A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or conditions Related To Level  
; FILE REFERENCE: 250/130 (MEHB00-900-A)  
; CURRENT FILING DATE: 2002-10-21  
; PRIOR APPLICATION NUMBER: US/10/277,494  
; NUMBER OF SEQ ID NOS: 446  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 73  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-277-494-73

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 64.3%; Pred. No. 3.7e+02;  
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 882 CACCACAGTGTGT 895  
||||| ||:| |:

Db 1 CACCAGAGUGAUG 14  
||||| ||:| |:

## RESULT 643

US-10-440-850-111  
; Sequence 111, Application US/10440850  
; Publication No. US20030207837A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Jarvis, Thale  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Revers  
; FILE REFERENCE: 250/130 (MEHB00-900-A)  
; CURRENT FILING DATE: 2003-05-19  
; PRIOR APPLICATION NUMBER: US/09/650,012  
; PRIOR FILING DATE: 2000-08-28  
; PRIOR APPLICATION NUMBER: US 08/585,684  
; PRIOR FILING DATE: 1996-01-12  
; PRIOR APPLICATION NUMBER: US 60/000,951  
; PRIOR FILING DATE: 1995-07-07  
; PRIOR APPLICATION NUMBER: US 09/038,073  
; NUMBER OF SEQ ID NOS: 2285  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 111  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-440-850-111

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 3.7e+02;  
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1094 CCCCCACCTGGC 1107  
||||| ||:| |:

Db 1 CUCCCAUCUGGC 14  
||||| ||:| |:

## RESULT 644

QY 757 TGCCATGCAGGTTT 770

US-10-440-850-290  
; Sequence 290, Application US/10440850  
; Publication No. US20030207837A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Jarvis, Thale  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Re  
; FILE REFERENCE: 250/130 (MEHB00-900-A)  
; CURRENT FILING DATE: 2003-05-19  
; PRIOR APPLICATION NUMBER: US/09/650,012  
; PRIOR FILING DATE: 2000-08-28  
; PRIOR APPLICATION NUMBER: US 08/585,684  
; PRIOR FILING DATE: 1996-01-12  
; PRIOR APPLICATION NUMBER: US 60/000,951  
; PRIOR FILING DATE: 1995-07-07  
; PRIOR APPLICATION NUMBER: US 09/038,073  
; NUMBER OF SEQ ID NOS: 2285  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 290  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-440-850-290

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 42.9%; Pred. No. 3.7e+02;  
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 943 ATTGCTTAACTGA 956  
||:| |:

Db 1 AUUUGCUUAUGUA 14  
||:| |:

## RESULT 645

US-10-440-850-411  
; Sequence 411, Application US/10440850  
; Publication No. US20030207837A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Jarvis, Thale  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Re  
; FILE REFERENCE: 250/130 (MEHB00-900-A)  
; CURRENT FILING DATE: 2003-05-19  
; PRIOR APPLICATION NUMBER: US/09/650,012  
; PRIOR FILING DATE: 2000-08-28  
; PRIOR APPLICATION NUMBER: US 08/585,684  
; PRIOR FILING DATE: 1996-01-12  
; PRIOR APPLICATION NUMBER: US 60/000,951  
; PRIOR FILING DATE: 1995-07-07  
; PRIOR APPLICATION NUMBER: US 09/038,073  
; NUMBER OF SEQ ID NOS: 2285  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 411  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Mus musculus  
US-10-440-850-411

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 3.7e+02;  
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;



```
Db      2 UGCCAUCCAGGCUU 15
      :||||: |||| :
RESULT 646
US-10-440-850-411/c
; Sequence 411, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; FILE REFERENCE: 250/130 (MBH00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 411
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-440-850-411

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      816 AAGCTGGAGTGCA 829
      ||||| |||||
Db      15 AAGCTGGAGTGCA 2

RESULT 647
US-10-418-182-186
; Sequence 186, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 186
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-186

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1126 TCACCTTCACCTC 1139
      ||||| |||||
Db      2 TCCTCTCTCTCTC 15

RESULT 648
US-10-376-559-5
; Sequence 5, Application US/10376559
; Publication No. US20030232327A1
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Flandaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; FILE REFERENCE: BP9702US-CPI-DV2
; CURRENT APPLICATION NUMBER: US/10/376,559
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 60/063,283
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 09/179,162
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)
; OTHER INFORMATION: 3' Dabcyl
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PROBE OR TARGET
US-10-376-559-5

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1 1134 CACCTCCAGCTCCA 1147
      ||||| |||||
Db      2 CGCACCACTCCA 15

RESULT 649
US-10-376-559-5/c
; Sequence 5, Application US/10376559
; Publication No. US20030232327A1
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Flandaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; FILE REFERENCE: BP9702US-CPI-DV2
; CURRENT APPLICATION NUMBER: US/10/376,559
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 60/063,283
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 09/179,162
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
```

; LOCATION: (1)  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (15)  
; OTHER INFORMATION: 3' Dabcyl  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC  
; OTHER INFORMATION: PROBE OR TARGET  
US-10-376-559-5

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTTGGTG 315  
Db 15 TGGAGCTGGTGGCG 2

## RESULT 650

US-10-176-972A-68  
; Sequence 68, Application US/10176972A  
; Publication No. US20030235822A1  
; GENERAL INFORMATION:  
; APPLICANT: Dempcy, Robert O.  
; APPLICANT: Gall, Alexander A.  
; APPLICANT: Lohkov, Sergey G.  
; APPLICANT: Afonina, Irina A.  
; APPLICANT: Singer, Michael J.  
; APPLICANT: Kutyavin, Igor V.  
; APPLICANT: Vermeulen, Nicolaas M.J.  
; APPLICANT: Epoch Biosciences, Inc.  
; TITLE OF INVENTION: Systems and Methods for Predicting Oligonucleotide Melting  
; TITLE OF INVENTION: Temperatures (T-ms)  
; FILE REFERENCE: 17682A-0036400S  
; CURRENT APPLICATION NUMBER: US/10/176,972A  
; CURRENT FILING DATE: 2002-06-18  
; PRIOR APPLICATION NUMBER: US 09/054,830  
; PRIOR FILING DATE: 1998-04-03  
; PRIOR APPLICATION NUMBER: US 09/054,832  
; PRIOR FILING DATE: 1998-04-03  
; PRIOR APPLICATION NUMBER: US 09/431,385  
; PRIOR FILING DATE: 1999-11-01  
; PRIOR APPLICATION NUMBER: US 09/640,953  
; PRIOR FILING DATE: 2000-08-16  
; PRIOR APPLICATION NUMBER: US 09/724,959  
; PRIOR FILING DATE: 2000-11-28  
; PRIOR APPLICATION NUMBER: US 09/796,988  
; PRIOR FILING DATE: 2001-02-28  
; NUMBER OF SEQ ID NOS: 93  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 68  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: probe sequence

US-10-176-972A-68

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 940 TTCATTGGTTTAAT 953  
Db 2 TTCATTGGTTTAAT 15

## RESULT 651

US-10-439-616-5/c  
; Sequence 5, Application US/10439616  
; Publication No. US20030235855A1

## ; GENERAL INFORMATION:

; APPLICANT: Board of Regents of the University of Texas System  
; TITLE OF INVENTION: ASSAY FOR THE DETECTION OF PACLITAXEL RESISTANT CELLS IN HUMAN  
; FILE REFERENCE: 96606/05CIP  
; CURRENT APPLICATION NUMBER: US/10/439,616  
; CURRENT FILING DATE: 2003-05-16  
; PRIOR APPLICATION NUMBER: 60/135047  
; PRIOR FILING DATE: 1999-05-20  
; PRIOR APPLICATION NUMBER: 09/574099  
; PRIOR FILING DATE: 2000-05-18  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Cricetulus griseus  
; FEATURE:  
; NAME/KEY: mutation  
; LOCATION: (4)..(6)  
; OTHER INFORMATION: L215F codon mutation CTC to TTC  
US-10-439-616-5

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1024 GGGAGCTTGAAGG 1037  
Db 15 GGTGAGCTTGAAG 2

## RESULT 652

US-10-271-602B-207  
; Sequence 207, Application US/10271602B  
; Publication No. US20040002073A1  
; GENERAL INFORMATION:  
; APPLICANT: Alice Kiang Li  
; APPLICANT: Ghazala Hashmi  
; APPLICANT: Michael Seul  
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI  
; TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION  
; FILE REFERENCE: eMAP-US  
; CURRENT APPLICATION NUMBER: US/10/271,602B  
; CURRENT FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/329,427  
; PRIOR FILING DATE: 2001-10-14  
; PRIOR APPLICATION NUMBER: 60/329,620  
; PRIOR FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 60/329,428  
; PRIOR FILING DATE: 2001-10-14  
; PRIOR APPLICATION NUMBER: 60/329,619  
; PRIOR FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 60/364,416  
; PRIOR FILING DATE: 2002-03-14  
; NUMBER OF SEQ ID NOS: 212  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 207  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Probe sequence derived from human genomic sequence

US-10-271-602B-207

Query Match 0.5%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1150 TATACCCCGGTGA 1163  
Db 1 TGTACCCCGGTGA 14

## RESULT 653

```

US-10-321-039-718/c
; Sequence 718, Application US/10321039
; Publication No. US20040014067A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lukowiak, Andrew
; APPLICANT: Jarvis, Nancy
; APPLICANT: Kurensky, David
; TITLE OF INVENTION: Amplification Methods and Compositions
; FILE REFERENCE: FORS-06960
; CURRENT APPLICATION NUMBER: US/10/321,039
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: 09/998,157
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/329,113
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/360,489
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 759
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 718
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-321-039-718

```

```

Query Match          0.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

## QY

```

1672 TCCACCCCACTTT 1685
||||| |||||
15 TCCACACCACTGT 2

```

## Db

## RESULT 654

```

US-10-210-130-362/c
; Sequence 362, Application US/10210130
; Publication No. US20040014053A1
; GENERAL INFORMATION:
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Patturajan, Meera
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Li, Li
; APPLICANT: Berghs, Constance
; APPLICANT: Zhong, Mei
; APPLICANT: Casman, Stacie J.
; APPLICANT: Voss, Edward Z.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Smithson, Glennda
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Leite, Mario W.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Anderson, David W.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Khramtsov, Nikolai V.
; APPLICANT: Ort, Tatiana
; APPLICANT: Ellerman, Karen
; APPLICANT: Rastelli, Luca
; APPLICANT: Agee, Michele L.
; APPLICANT: Chaudhuri, Amitabha

```

```

; APPLICANT: Chant, John S.
; APPLICANT: DiPippo, Vincent A.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Eisen, Andrew J.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Giot, Loic
; APPLICANT: Ooi, Chean Eng
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Hjalt, Tord
; APPLICANT: Liu, Xiaohong
; APPLICANT: Taupier, Raymond J., Jr.
; APPLICANT: Catterton, Elna
; APPLICANT: Shenoy, Suresh G.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-416C (Cura-716 SMT)
; CURRENT APPLICATION NUMBER: US/10/210,130
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: 60/309,501
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/316,508
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 60/354,655
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/383,887
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/323,936
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/381,039
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 369
; SOFTWARE: CuraSequidist version 0.1
; SEQ ID NO 362
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-130-362

```

```

Query Match          0.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

## QY

```

1 303 GGAGCTGTGGTGG 316
||||| |||||
14 GGAGCTGGAGTGG 1

```

## Db

## RESULT 655

```

US-10-096-125-1
; Sequence 1, Application US/10096125
; Publication No. US2003007608A1
; GENERAL INFORMATION:
; APPLICANT: Coull, James M.
; APPLICANT: Fiandaca, Mark J.
; APPLICANT: Kristjanson, Mark D.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Creasey, Theresa S.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To
; TITLE OF INVENTION: Combination Oligomers And Libraries For Their
; FILE REFERENCE: BP0102-US
; CURRENT APPLICATION NUMBER: US/10/096,125

```

; CURRENT FILING DATE: 2002-03-09  
; PRIOR APPLICATION NUMBER: 60/274,547  
; PRIOR FILING DATE: 2001-03-09  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Oligonucleotide Primer  
US-10-096-125-1

Query Match 0.5%; Score 10.8; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1506 GCTGGAGTGTCTGG 1519  
| | | | | | | | | | | | | | | | | |  
Db 3 GTTGGAGTGTCTGG 16

RESULT 656  
US-09-866-108-8356  
; Sequence 8356, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEONICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO 8356  
; LENGTH: 17

; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-8356

Query Match 0.5%; Score 10.8; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1714 CAAGCAGGAGCTAG 1727  
| | | | | | | | | | | | | | | | | |  
Db 1 CAAGCAGGAGCTGG 14

RESULT 657  
US-09-780-533A-1399  
; Sequence 1399, Application US/09780533A  
; Publication No. US20030060611A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Chowrira, Bharat  
; APPLICANT: Haerberli, Pete  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene  
; CURRENT APPLICATION NUMBER: US/09/780,533A  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 6679  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1399  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-533A-1399

Query Match 0.5%; Score 10.8; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 4.9e+02;  
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 814 AAAAGCCTGGAGTG 827  
| | | | | | | | | | | | | | | | | |  
Db 2 AGRAGACUGGAGUG 15

RESULT 658  
US-09-780-533A-2630  
; Sequence 2630, Application US/09780533A  
; Publication No. US20030060611A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Chowrira, Bharat  
; APPLICANT: Haerberli, Pete  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene  
; CURRENT APPLICATION NUMBER: US/09/780,533A  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,797  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 6679  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2630  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-780-533A-2630

Query Match 0.5%; Score 10.8; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 4.9e+02;  
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 814 AAAAGCCTGGAGTG 827  
| | | | : | | | : |  
Db 1 AGAAGACUGGAGUG 14

## RESULT 659

US-10-156-306-7112  
; Sequence 7112, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:  
; APPLICANT: McSwigen, James  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
; FILE REFERENCE: MBH01-664-A (400/050)  
; CURRENT APPLICATION NUMBER: US/10156,306  
; CURRENT FILING DATE: 2002-05-28  
; NUMBER OF SEQ ID NOS: 8013  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 7112  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-156-306-7112

Query Match 0.5%; Score 10.8; DB 1; Length 17;  
Best Local Similarity 64.3%; Pred. No. 4.9e+02;  
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 253 GGCATGGGCTCTC 266  
| | | : | | | : |  
Db 4 GGCUGGGGCTCUC 17

## RESULT 660

US-09-866-108-2033  
; Sequence 2033, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aeomica Sequence Listing Engine  
; SEQ ID NO 2033  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-2033

Query Match 0.5%; Score 10.8; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 495 CTCAGGGAGTG 508  
| | | | | | | | | |  
Db 1 CTCAGGGAGTG 14

## RESULT 661

US-09-870-002-27/c  
; Sequence 27, Application US/09870002  
; Publication No. US20030013670A1  
; GENERAL INFORMATION:  
; APPLICANT: Monia, B.P., Cowser, L.M. and Manoharan, M.  
; TITLE OF INVENTION: Antisense Oligonucleotide Inhibition of ras  
; NUMBER OF SEQUENCES: 55  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM COMPATIBLE  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.1 for WINDOWS  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/870,002  
; FILING DATE: 30-May-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/575,554  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0463  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (856) 810-1515  
; TELEFAX: (856) 810-1454  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:  
US-09-870-002-27

Query Match 0.5%; Score 10.8; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGGTG 315  
|||||  
Db 17 TGGAGCTGTGGCG 4

RESULT 662  
US-10-423-007-31  
; Sequence 31, Application US/10423007  
; Publication No. US20030180889A1  
; GENERAL INFORMATION:  
; APPLICANT: OHTOMO, TOSHIHIKO  
; APPLICANT: TSUCHIYA, MASAYUKI  
; APPLICANT: KOISHIHARA, YASUO  
; APPLICANT: KOSAKA, MASAAKI  
; TITLE OF INVENTION: GENOMIC GENE ENCODING HM 1.24 ANTIGEN PROTEIN AND  
; FILE REFERENCE: 053466/0285  
; CURRENT APPLICATION NUMBER: US/10/423,007  
; PRIOR FILING DATE: 2003-04-25  
; PRIOR FILING DATE: 2000-08-14  
; PRIOR APPLICATION NUMBER: PCT/J99/00884  
; PRIOR FILING DATE: 1999-02-25  
; PRIOR APPLICATION NUMBER: 10-60617  
; PRIOR FILING DATE: 1998-02-25  
; PRIOR APPLICATION NUMBER: 10-93883  
; PRIOR FILING DATE: 1998-03-24  
; NUMBER OF SEQ ID NOS: 33  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 31  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-423-007-31

Query Match 0.5%; Score 10.8; DB 1; Length 18;  
Best Local Similarity 85.7%; Pred. No. 5.6e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1136 CCTCAGCTCCACC 1149  
|||||  
Db 2 CCTCAAGCTCCTCT 15

RESULT 663  
US-09-945-505-4/c  
; Sequence 4, Application US/09945505  
; Publication No. US20030165844A1  
; GENERAL INFORMATION:  
; APPLICANT: Anastasio, Alison E.  
; APPLICANT: Chew, Anne  
; APPLICANT: Denton, R. Rex  
; APPLICANT: Nandabalan, Krishnan  
; APPLICANT: Parks, Katie E.  
; APPLICANT: Stephens, J. Claiborne  
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene  
; FILE REFERENCE: MMH-0030US  
; CURRENT APPLICATION NUMBER: US/09/945,505  
; CURRENT FILING DATE: 2001-08-31  
; NUMBER OF SEQ ID NOS: 41  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-945-505-4

Query Match 0.5%; Score 10.6; DB 1; Length 15;  
Best Local Similarity 90.9%; Pred. No. 4.1e+02;  
Matches 10; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1094 CCCCACCCCTG 1104  
|||||  
Db 12 CCCWACCCTG 2

RESULT 664  
US-10-418-182-209  
; Sequence 209, Application US/10418182  
; Publication No. US20030228302A1  
; GENERAL INFORMATION:  
; APPLICANT: Crea, Roberto  
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS  
; FILE REFERENCE: 1551-2001-001  
; CURRENT APPLICATION NUMBER: US/10/418,182  
; CURRENT FILING DATE: 2003-04-16  
; PRIOR APPLICATION NUMBER: 60/373,558  
; PRIOR FILING DATE: 2002-04-17  
; NUMBER OF SEQ ID NOS: 423  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 209  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide  
US-10-418-182-209

Query Match 0.5%; Score 10.6; DB 1; Length 15;  
Best Local Similarity 46.7%; Pred. No. 4.1e+02;  
Matches 7; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCAC 1148  
:|||||  
Db 1 MACYWCSWTMWCCAC 15

RESULT 665  
US-10-418-182-391  
; Sequence 391, Application US/10418182  
; Publication No. US20030228302A1  
; GENERAL INFORMATION:  
; APPLICANT: Crea, Roberto  
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS  
; FILE REFERENCE: 1551-2001-001  
; CURRENT APPLICATION NUMBER: US/10/418,182  
; CURRENT FILING DATE: 2003-04-16  
; PRIOR APPLICATION NUMBER: 60/373,558  
; PRIOR FILING DATE: 2002-04-17  
; NUMBER OF SEQ ID NOS: 423  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 391  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide  
US-10-418-182-391

Query Match 0.5%; Score 10.6; DB 1; Length 15;  
Best Local Similarity 46.7%; Pred. No. 4.1e+02;  
Matches 7; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCAC 1148  
:|||||  
Db 1 MACYWCSWTMWCCAC 15

RESULT 666  
US-09-866-108-2783  
; Sequence 2783, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aeomica Sequence Listing Engine  
SEQ ID NO 2783  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-2783

Query Match 0.5%; Score 10.6; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5.5e+02;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1669 CCTTCCAAACCCACTTT 1685  
Db 1 CCTTCAGCACCACTT 17

RESULT 667  
US-09-825-805-680  
Sequence 680, Application US/09825805  
Publication No. US20030004122A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Sweedler, Dave  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
FILE REFERENCE: MBHB00-831-F (400/009)  
CURRENT APPLICATION NUMBER: US/09/825,805  
CURRENT FILING DATE: 2001-09-27

PRIOR APPLICATION NUMBER: 09/578,223  
PRIOR FILING DATE: 2000-05-23  
PRIOR APPLICATION NUMBER: 09/476,387  
PRIOR FILING DATE: 1999-12-30  
PRIOR APPLICATION NUMBER: 09/474,432  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/064,866  
PRIOR FILING DATE: 1997-11-05  
NUMBER OF SEQ ID NOS: 1558  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 680  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-825-805-680

Query Match 0.5%; Score 10.6; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 5.5e+02;  
Matches 10; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1352 TGCCCCCGTTGGCTGG 1368  
Db 1 UGCACACGGGCCCCUGG 17

RESULT 668  
US-10-163-552-379  
Sequence 379, Application US/10163552  
Publication No. US20030105051A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: McSwiggen, Jim  
TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to lev  
TITLE OF INVENTION: HER2  
FILE REFERENCE: MBHB01-1653-A (400/014)  
CURRENT APPLICATION NUMBER: US/10/163,552  
CURRENT FILING DATE: 2002-06-06  
NUMBER OF SEQ ID NOS: 1997  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 379  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-163-552-379

Query Match 0.5%; Score 10.6; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 5.5e+02;  
Matches 10; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1352 TGCCCCCGTTGGCTGG 1368  
Db 1 UGCACACGGGCCCCUGG 17

RESULT 669  
US-10-060-998-312  
Sequence 312, Application US/10060998  
Publication No. US20030104530A1  
GENERAL INFORMATION:  
APPLICANT: Gu, Yizhong  
TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
FILE REFERENCE: PB01108  
CURRENT APPLICATION NUMBER: US/10/060,998  
CURRENT FILING DATE: 2002-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 09/864,761

;  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 312  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-312

Query Match  
Best Local Similarity 0.5%; Score 10.6; DB 1; Length 17;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2063 ATAGCAAGCTGAACCTGT 2079  
DB 1 ATTGAAGTGGAACTGT 17

## RESULT 670

US-10-060-998-313  
; Sequence 313, Application US/10060998  
; Publication No. US20030104530A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1  
; FILE REFERENCE: PB01108  
; CURRENT APPLICATION NUMBER: US/10/060,998  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/343,331  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 3056  
; SOFTWARE: Acomica Sequence Listing Engine  
; SEQ ID NO 313  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-060-998-313

Query Match  
Best Local Similarity 0.5%; Score 10.6; DB 1; Length 17;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2064 TAGCAAGCTGAACCTGTC 2080  
DB 1 TTGAAGTGGAACTGTC 17

## RESULT 671

US-09-818-875-3630/c  
; Sequence 3630, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamber, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; TITLE OF INVENTION: Stranded Oligonucleotides  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875  
; CURRENT FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989

;  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 3630  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-3630

Query Match  
Best Local Similarity 0.5%; Score 10.6; DB 1; Length 17;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2109 GGGCCCTTCAGCTGGAGC 2125  
DB 17 GGGGATGCAGGTGGAGC 1

## RESULT 672

US-09-818-875-3631  
; Sequence 3631, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamber, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; TITLE OF INVENTION: Stranded Oligonucleotides  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875  
; CURRENT FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 3631  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-3631

Query Match  
Best Local Similarity 0.5%; Score 10.6; DB 1; Length 17;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2109 GGGCCCTTCAGCTGGAGC 2125  
DB 1 GGGGATGCAGGTGGAGC 17

## RESULT 673

US-10-061-201-1958  
; Sequence 1958, Application US/10061201  
; Publication No. US20030166229A1  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1  
; FILE REFERENCE: PB0178  
; CURRENT APPLICATION NUMBER: US/10/061,201  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669



; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 09/864,761  
; PRIOR FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/328,205  
; PRIOR FILING DATE: 2001-10-10  
; NUMBER OF SEQ ID NOS: 4162  
; SOFTWARE: Aecmica Sequence Listing Engine  
; SEQ ID NO 1958  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-061-201-1958

Query Match 0.5%; Score 10.6; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5.5e+02;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1339 GTGTGGAGAACGTGCC 1355  
|||||  
Db 1 GTGTGGAGATGGGTC 17

## RESULT 674

US-10-787-3630/c  
; Sequence 3630, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR APPLICATION NUMBER: US 09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 3630  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-209-787-3630

Query Match 0.5%; Score 10.6; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5.5e+02;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2109 GGGCCTTCAGCTGGAGC 2125  
|||||  
Db 17 GGGATCGAGTGGAGC 1

## RESULT 675

US-10-209-787-3631  
; Sequence 3631, Application US/10209787

; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/10/209,787  
; CURRENT FILING DATE: 2002-07-30  
; PRIOR APPLICATION NUMBER: US 09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 3631  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-209-787-3631

Query Match 0.5%; Score 10.6; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5.5e+02;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2109 GGGCCTTCAGCTGGAGC 2125  
|||||  
Db 1 GGGATCGAGTGGAGC 17

## RESULT 676

US-10-261-185-3630/c  
; Sequence 3630, Application US/10261185  
; Publication No. US20040014057A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4CON  
; CURRENT APPLICATION NUMBER: US/10/261,185  
; CURRENT FILING DATE: 2002-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/09761  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 3630  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-261-185-3630

Query Match 0.5%; Score 10.6; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5.5e+02;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2109 GGGCCTTCAGCTGGAGC 2125

Db 17 GGGGATGCAGGTGGAGC 1  
||| ||| ||| ||| |||

RESULT 677  
US-10-261-185-3631  
; Sequence 3631, Application US/10261185  
; Publication No. US20040014057A1  
; GENERAL INFORMATION:  
; APPLICANT: Kniec, Eric B.  
; APPLICANT: Camper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Stranded Oligonucleotides  
; CURRENT APPLICATION NUMBER: US/10/261,185  
; CURRENT FILING DATE: 2002-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/09761  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 3631  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-261-185-3631

Query Match 0.5%; Score 10.6; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5.5e+02;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2109 GGGCCTTCAGCTGGAGC 2125  
||| ||| ||| ||| |||

Db 1 GGGGATGCAGGTGGAGC 17

RESULT 678  
US-09-864-785-661  
; Sequence 661, Application US/09864785  
; Patent No. US20020177568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
; FILE REFERENCE: Levels of NF-kappa B  
; CURRENT APPLICATION NUMBER: US/09/864,785  
; CURRENT FILING DATE: 2001-05-23  
; NUMBER OF SEQ ID NOS: 3929  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 661  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-661

Query Match 0.5%; Score 10.6; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 5.5e+02;  
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 187 GCCCCAGCAGTGGCGCT 203

Db 1 GCAACGACGAGGCGUCU 17  
|| ||| ||| ||| ||| |||

RESULT 679  
US-09-902-214-37/c  
; Sequence 37, Application US/09902214  
; Publication No. US20030104521A1  
; GENERAL INFORMATION:  
; APPLICANT: Whittaker, Paul Andrew  
; TITLE OF INVENTION: Disease-Associated Gene  
; FILE REFERENCE: 4-31503A/RO31  
; CURRENT APPLICATION NUMBER: US/09/902,214  
; CURRENT FILING DATE: 2001-07-10  
; NUMBER OF SEQ ID NOS: 84  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 37  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-902-214-37

Query Match 0.5%; Score 10.6; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 5.5e+02;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 68 AAAGCAGAGAGGAGGGG 84  
||| ||| ||| ||| |||

Db 17 AAAACGAGGCGGAGGGG 1

RESULT 680  
US-10-453-792-135  
; Sequence 135, Application US/10453792  
; Publication No. US20040029110A1  
; GENERAL INFORMATION:  
; APPLICANT: STUYVER, LIEVEN  
; APPLICANT: ROSSAU, RUDI  
; APPLICANT: MAERTENS, GEERT  
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV  
; NUMBER OF SEQUENCES: 313  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: NIXON & VANDERHUYE P.C.  
; STREET: 1100 NORTH GLEBE ROAD  
; CITY: ARLINGTON  
; STATE: VIRGINIA  
; COUNTRY: U.S.A.  
; ZIP: 22201-4714  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/453,792  
; FILING DATE: 04-Jun-2003  
; CLASSIFICATION: <UNKNOWN>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/09/155,885A  
; FILING DATE: 08-Oct-1998  
; APPLICATION NUMBER: PCT/EP97/02002  
; FILING DATE: 21-APR-1997  
; APPLICATION NUMBER: EP 96870053.4  
; FILING DATE: 19-APR-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: SADOFF, B.J.  
; REGISTRATION NUMBER: 36,663  
; REFERENCE/DOCKET NUMBER: 2551-5  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 816-4000  
; TELEFAX: (703) 816-4100  
; INFORMATION FOR SEQ ID NO: 135:  
; SEQUENCE CHARACTERISTICS:

;  
;  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; SEQUENCE DESCRIPTION: SEQ ID NO: 135:  
US-10-453-792-135

Query Match 0.5%; Score 10.6; DB 1; Length 20;  
Best Local Similarity 68.4%; Pred. No. 7.1e+02;  
Matches 13; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 566 ATGCGGAAGGAATGGG 584  
| : | | | | | | | | | |  
DB 2 ARAGACAAAAGAAATGG 20

RESULT 691  
US-10-464-609-12/c  
; Sequence 12, Application US/10464609  
; Publication No. US20040029230A1  
; GENERAL INFORMATION:  
; APPLICANT: KYNDT, John, Jozef Armand  
; APPLICANT: VAN BEEUMEN, Jozef  
; TITLE OF INVENTION: No. US20040029230A1 Methods For Synthesis of  
; TITLE OF INVENTION: Holo-Photoactive Yellow Protein  
; FILE REFERENCE: 50304/008001  
; CURRENT APPLICATION NUMBER: US/10/464,609  
; PRIOR APPLICATION NUMBER: 2003-06-18  
; PRIOR FILING DATE: 2002-06-18  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 12  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-10-464-609-12

Query Match 0.5%; Score 10.6; DB 1; Length 23;  
Best Local Similarity 76.5%; Pred. No. 7.9e+02;  
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 484 CAGGATAGGAGTGCAG 500  
| | | | | | | | | | | | | |  
DB 23 CGGGATTGGGACTGAAG 7

RESULT 682  
US-9-365-029-37/c  
; Sequence 37, Application US/09365029  
; Patent No. US20010021772A1  
; GENERAL INFORMATION:  
; APPLICANT: UHLMANN, Eugen  
; APPLICANT: PEYMAN, Anuschirwan  
; APPLICANT: BITONTI, Alan J.  
; APPLICANT: WOESSNER, Richard D.  
; TITLE OF INVENTION: SHORT OLIGONUCLEOTIDES FOR THE INHIBITION OF VEGF  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: 26083/208  
; CURRENT APPLICATION NUMBER: US/09/365,029  
; CURRENT FILING DATE: 1999-08-02  
; EARLIER APPLICATION NUMBER: EP 98114853.9  
; EARLIER FILING DATE: 1998-08-07  
; NUMBER OF SEQ ID NOS: 94  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 37  
; LENGTH: 12  
; TYPE: DNA

;  
;  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: VEGF antisense  
; OTHER INFORMATION: oligonucleotide  
US-09-365-029-37

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.6e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 CCAGGCTTCACC 1095  
| | | | | | | | | | | |  
DB 12 CCAGGCTGCACC 1

RESULT 683  
US-09-365-029-59  
; Sequence 59, Application US/09365029  
; Patent No. US20010021772A1  
; GENERAL INFORMATION:  
; APPLICANT: UHLMANN, Eugen  
; APPLICANT: PEYMAN, Anuschirwan  
; APPLICANT: BITONTI, Alan J.  
; APPLICANT: WOESSNER, Richard D.  
; TITLE OF INVENTION: SHORT OLIGONUCLEOTIDES FOR THE INHIBITION OF VEGF  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: 26083/208  
; CURRENT APPLICATION NUMBER: US/09/365,029  
; CURRENT FILING DATE: 1999-08-02  
; EARLIER APPLICATION NUMBER: EP 98114853.9  
; EARLIER FILING DATE: 1998-08-07  
; NUMBER OF SEQ ID NOS: 94  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 59  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: VEGF antisense  
; OTHER INFORMATION: oligonucleotide  
US-09-365-029-59

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.6e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1078 CCCACTCCAGGC 1089  
| | | | | | | | | | | |  
DB 1 CACACTCCAGGC 12

RESULT 684  
US-09-835-371-32/c  
; Sequence 32, Application US/09835371  
; Publication No. US20020187473A1  
; GENERAL INFORMATION:  
; APPLICANT: UHLMANN, Eugen  
; APPLICANT: BREIPOHL, Gerhard  
; APPLICANT: WILL, David W  
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES, AND AGENTS AND  
; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM  
; FILE REFERENCE: 02481.1743 SEQUENCE LISTING  
; CURRENT APPLICATION NUMBER: US/09/835,371  
; CURRENT FILING DATE: 2001-04-17  
; NUMBER OF SEQ ID NOS: 53  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 32  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: base sequence  
; OTHER INFORMATION: of PNA targeting CMV

US-09-835-371-32

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.6e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 CCAGGCTTCACC 1095  
Db 12 CCAGGCTGCACC 1

RESULT 685

US-09-765-061B-36/c  
; Sequence 36, Application US/09765061B  
; Publication No. US20030022165A1  
; GENERAL INFORMATION:  
; APPLICANT: Board of Regents of the University of Texas System  
; TITLE OF INVENTION: Mutations in a No. US20030022165A1el Photoreceptor-pineal gene 17  
; FILE REFERENCE: 96606/16UTL  
; CURRENT APPLICATION NUMBER: US/09/765,061B  
; CURRENT FILING DATE: 2001-01-17  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 36  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: mutation  
; LOCATION: (4)..(6)  
; OTHER INFORMATION: Amino Acid mutation: Ser 78 Ser Benign  
US-09-765-061B-36

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.6e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1185 CCGCAGAGAGGT 1196  
Db 12 CCGCATAGAGGT 1

RESULT 686

US-09-835-370-32/c  
; Sequence 32, Application US/09835370  
; Publication No. US20030022172A1  
; GENERAL INFORMATION:  
; APPLICANT: BREIPOHL, EUGEN  
; APPLICANT: UHLMANN, GERHARD  
; APPLICANT: WILL, DAVID W  
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND  
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING  
; CURRENT APPLICATION NUMBER: US/09/835,370  
; CURRENT FILING DATE: 2001-04-17  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 32  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide  
; OTHER INFORMATION: base sequence of PNA derivatives that bind to  
; OTHER INFORMATION: viral and cellular targets  
US-09-835-370-32

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.6e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 CCAGGCTTCACC 1095

Db 12 CCAGGCTGCACC 1

RESULT 687

US-10-117-108A-18/c  
; Sequence 18, Application US/10117108A  
; Publication No. US20030082571A1  
; GENERAL INFORMATION:  
; APPLICANT: KACHAB, Edward H.  
; TITLE OF INVENTION: LINEAR NUCLEIC ACID AND SEQUENCE THEREFOR  
; FILE REFERENCE: 37955-0004  
; CURRENT APPLICATION NUMBER: US/10/117,108A  
; CURRENT FILING DATE: 2002-04-08  
; PRIOR APPLICATION NUMBER: US 60/282,491  
; PRIOR FILING DATE: 2001-04-10  
; NUMBER OF SEQ ID NOS: 80  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 18  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(6)  
; OTHER INFORMATION: The monomer aaagcg may be repeated from 2-20 times  
US-10-117-108A-18

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.6e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 917 GTCCTTGCCTTT 928  
Db 12 GCCTTGCCTTT 1

RESULT 688

US-10-232-927A-5/c  
; Sequence 5, Application US/10232927A  
; Publication No. US20030190638A1  
; GENERAL INFORMATION:  
; APPLICANT: Michael D. West  
; Calvin B. Harley  
; Scott L. Weinrich  
; Catherine M. Strahl  
; Michael J. Mceachern  
; Jerry Shay  
; Woodring E. Wright  
; Elizabeth H. Blackburn  
; Nam Woo Kim  
; Homayoun Vaziri  
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
; CONDITIONS RELATED TO  
; TELOMERE LENGTH AND/OR  
; TELOMERASE ACTIVITY  
; NUMBER OF SEQUENCES: 80  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: LYON & LYON  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0

```

SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/10/232,927A
  FILING DATE: 29-Aug-2002
  CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: US/09/378,535
  FILING DATE: 20-Aug-1999
  CLASSIFICATION: <Unknown>
  ATTORNEY/AGENT INFORMATION:
    NAME: Chambers, Daniel M.
    REGISTRATION NUMBER: 34,561
    REFERENCE/DOCKET NUMBER: 224/232
  TELECOMMUNICATION INFORMATION:
    TELEPHONE: (213) 489-1600
    TELEX: 67-3510
    TELEFAX: (213) 955-0440
  INFORMATION FOR SEQ ID NO: 5:
    SEQUENCE CHARACTERISTICS:
      LENGTH: 12 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
    SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-232-927A-5
  Query Match          0.5%; Score 10.4; DB 1; Length 12;
  Best Local Similarity 91.7%; Pred. No. 2.6e+02;
  Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 CCCCAACCCAA 1069
Db 12 CCCCAACCCAA 1

RESULT 689
US-10-232-927A-33/c
  Sequence 33, Application US/10232927A
  Publication No. US20030190638A1
  GENERAL INFORMATION:
    APPLICANT: Michael D. West
    Calvin B. Harley
    Scott L. Weinrich
    Catherine M. Strahl
    Michael J. McEachern
    Jerry Shay
    Woodring E. Wright
    Elizabeth H. Blackburn
    Nam Woo Kim
    Homayoun Vaziri
  TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
    CONDITIONS RELATED TO
    TELOMERE LENGTH AND/OR
    TELOMERASE ACTIVITY
  NUMBER OF SEQUENCES: 80
  CORRESPONDENCE ADDRESS:
    ADDRESSEE: Lyon & Lyon
    STREET: 633 West Fifth Street
    Suite 4700
    CITY: Los Angeles
    STATE: California
    COUNTRY: U.S.A.
    ZIP: 90071-2066
  COMPUTER READABLE FORM:
    MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
    storage
  COMPUTER: IBM Compatible
  OPERATING SYSTEM: IBM P.C. DOS 5.0
  SOFTWARE: FastSeq for Windows 2.0
  CURRENT APPLICATION DATA:
    APPLICATION NUMBER: US/10/232,927A
    FILING DATE: 29-Aug-2002
    CLASSIFICATION: <Unknown>
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: US/09/378,535
    FILING DATE: 20-Aug-1999

QY 1058 CCCCAACCCAA 1069
Db 12 CCCCAACCCAA 1

RESULT 690
US-10-232-927A-35/c
  Sequence 35, Application US/10232927A
  Publication No. US20030190638A1
  GENERAL INFORMATION:
    APPLICANT: Michael D. West
    Calvin B. Harley
    Scott L. Weinrich
    Catherine M. Strahl
    Michael J. McEachern
    Jerry Shay
    Woodring E. Wright
    Elizabeth H. Blackburn
    Nam Woo Kim
    Homayoun Vaziri
  TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
    CONDITIONS RELATED TO
    TELOMERE LENGTH AND/OR
    TELOMERASE ACTIVITY
  NUMBER OF SEQUENCES: 80
  CORRESPONDENCE ADDRESS:
    ADDRESSEE: Lyon & Lyon
    STREET: 633 West Fifth Street
    Suite 4700
    CITY: Los Angeles
    STATE: California
    COUNTRY: U.S.A.
    ZIP: 90071-2066
  COMPUTER READABLE FORM:
    MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
    storage
  COMPUTER: IBM Compatible
  OPERATING SYSTEM: IBM P.C. DOS 5.0
  SOFTWARE: FastSeq for Windows 2.0
  CURRENT APPLICATION DATA:
    APPLICATION NUMBER: US/10/232,927A
    FILING DATE: 29-Aug-2002
    CLASSIFICATION: <Unknown>
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: US/09/378,535
    FILING DATE: 20-Aug-1999

```

APPLICATION NUMBER: 08/819,867  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Chambers, Daniel M.  
REGISTRATION NUMBER: 34,561  
REFERENCE/DOCKET NUMBER: 224/232  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 12 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 35:  
US-10-232-927A-35

Query Match 0.5%; Score 10.4; DB 1; Length 12;  
Best Local Similarity 91.7%; Pred. No. 2.6e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 CCCCAACCCAA 1069  
|||||  
Db 12 CCCCAACCCAA 1

RESULT 691  
US-08-726-093-8/c  
Sequence 8, Application US/08726093  
Publication No. US20020012902A1  
GENERAL INFORMATION:  
APPLICANT: FUCHS, Martin  
APPLICANT: EGHOLM, Michael  
APPLICANT: O'KEEFE, Heather  
APPLICANT: YOA, Xian-Wei  
TITLE OF INVENTION: METHODS AND KITS FOR HYBRIDIZATION  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Patent Administrator, Testa Hurwitz &  
CITY: Boston  
STREET: 125 High Street  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/726,093  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: TURANO, THOMAS A.  
REGISTRATION NUMBER: 35,722  
REFERENCE/DOCKET NUMBER: SYP-116  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 248-7000  
TELEFAX: (617) 248-7100  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "fluorescein labeled peptide  
DESCRIPTION: nucleic acid"

US-08-726-093-8

Query Match 0.5%; Score 10.4; DB 1; Length 13;  
Best Local Similarity 91.7%; Pred. No. 3.2e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 911 TCCTTGTCCTTT 922  
|||||  
Db 12 TCCTTGTCCTTT 1

RESULT 692

US-09-365-029-74/c  
Sequence 74, Application US/09365029  
Patent No. US20010021772A1  
GENERAL INFORMATION:  
APPLICANT: UHLMANN, Eugen  
APPLICANT: PEYMAN, Anuschirwan  
APPLICANT: BITONTI, Alan J.  
APPLICANT: WOESSNER, Richard D.  
TITLE OF INVENTION: SHORT OLIGONUCLEOTIDES FOR THE INHIBITION OF VEGF  
FILE REFERENCE: 26083/208  
CURRENT APPLICATION NUMBER: US/09/365,029  
CURRENT FILING DATE: 1999-08-02  
EARLIER APPLICATION NUMBER: EP 98114853.9  
EARLIER FILING DATE: 1998-08-07  
SOFTWARE: Patent In Ver. 2.0  
SEQ ID NO 74  
LENGTH: 13  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: VEGF antisense  
OTHER INFORMATION: oligonucleotide  
US-09-365-029-74

Query Match 0.5%; Score 10.4; DB 1; Length 13;  
Best Local Similarity 91.7%; Pred. No. 3.2e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 CCAGGCTCACC 1095  
|||||  
Db 12 CCAGGCTCACC 1

RESULT 693

US-C9-825-805-136/c  
Sequence 136, Application US/09825805  
Publication No. US20030004122A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Beaudry, Amber  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Sweedler, Dave  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle  
FILE REFERENCE: MEH00-831-F (400/009)  
CURRENT APPLICATION NUMBER: US/09/825,805  
CURRENT FILING DATE: 2001-09-27  
PRIOR APPLICATION NUMBER: 09/578,223  
PRIOR FILING DATE: 2000-05-23  
PRIOR APPLICATION NUMBER: 09/476,387  
PRIOR FILING DATE: 1999-12-30  
PRIOR APPLICATION NUMBER: 09/474,432  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: 60/083,727  
 ; PRIOR FILING DATE: 1998-04-29  
 ; PRIOR APPLICATION NUMBER: 60/064,866  
 ; PRIOR FILING DATE: 1997-11-05  
 ; NUMBER OF SEQ ID NOS: 1558  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 136  
 ; LENGTH: 13  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-825-805-136

Query Match 0.5%; Score 10.4; DB 1; Length 13;  
 Best Local Similarity 91.7%; Pred. No. 3.2e+02;  
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1053 CCTGGCCCAAA 1064  
 |||||  
 Db 12 CCTGGCCCGAA 1

## RESULT 694

US-09-888-326-450/c  
 ; Sequence 450, Application US/09888326  
 ; Publication No. US20030026801A1  
 ; GENERAL INFORMATION:

; APPLICANT: Weiner, George  
 ; APPLICANT: Hartmann, Gunther  
 ; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced  
 ; TITLE OF INVENTION: Cell Lysis and Treating Cancer  
 ; FILE REFERENCE: C1039/7052 (AWS)  
 ; CURRENT APPLICATION NUMBER: US/09/888,326  
 ; CURRENT FILING DATE: 2001-06-22  
 ; PRIOR APPLICATION NUMBER: US 60/213,346  
 ; PRIOR FILING DATE: 2000-06-22  
 ; NUMBER OF SEQ ID NOS: 848  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 450  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: (0)...(0)  
 ; OTHER INFORMATION: phosphorothioate backbone  
 US-09-888-326-450

Query Match 0.5%; Score 10.4; DB 1; Length 13;  
 Best Local Similarity 91.7%; Pred. No. 3.2e+02;  
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1255 ATCCCCCAACCC 1266  
 |||||  
 Db 12 ACCCCCCAACCC 1

## RESULT 695

US-09-971-372A-12  
 ; Sequence 12, Application US/09971372A  
 ; Publication No. US20030035814A1  
 ; GENERAL INFORMATION:

; APPLICANT: Kawaoka, Yoshihiro  
 ; APPLICANT: Neumann, Gabriele  
 ; TITLE OF INVENTION: Recombinant influenza viruses for vaccines and gene  
 ; TITLE OF INVENTION: therapy  
 ; FILE REFERENCE: 960296.98130  
 ; CURRENT APPLICATION NUMBER: US/09/971,372A  
 ; CURRENT FILING DATE: 2001-10-04  
 ; PRIOR APPLICATION NUMBER: PCT/US00/09021  
 ; PRIOR FILING DATE: 2000-04-05  
 ; PRIOR APPLICATION NUMBER: 60/127,912  
 ; PRIOR FILING DATE: 1999-04-06

; NUMBER OF SEQ ID NOS: 30  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 12  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: end of ligation  
 ; OTHER INFORMATION: reaction product  
 US-09-971-372A-12

Query Match 0.5%; Score 10.4; DB 1; Length 13;  
 Best Local Similarity 91.7%; Pred. No. 3.2e+02;  
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGG 1027  
 |||||  
 Db 1 AAAACGAGGGGG 12

## RESULT 696

US-09-997-672-32  
 ; Sequence 32, Application US/09997672  
 ; Publication No. US20030061632A1  
 ; GENERAL INFORMATION:

; APPLICANT: Weterings, Koen  
 ; APPLICANT: Apuya, Nestor R.  
 ; APPLICANT: Tatrinova, Tatiana  
 ; APPLICANT: Goldberg, Robert B.  
 ; APPLICANT: The Regents of the University of California  
 ; APPLICANT: Ceres, Inc.  
 ; TITLE OF INVENTION: Polynucleotides Useful for Modulating Transcription  
 ; FILE REFERENCE: 023070-115810US  
 ; CURRENT APPLICATION NUMBER: US/09/997,672  
 ; CURRENT FILING DATE: 2001-11-28  
 ; PRIOR APPLICATION NUMBER: US 60/253,672  
 ; PRIOR FILING DATE: 2000-11-28  
 ; NUMBER OF SEQ ID NOS: 42  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 32  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: H-AP49 forward  
 ; OTHER INFORMATION: primer  
 US-09-997-672-32

Query Match 0.5%; Score 10.4; DB 1; Length 13;  
 Best Local Similarity 91.7%; Pred. No. 3.2e+02;  
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1068 AAGCTTCAGTCC 1079  
 |||||  
 Db 1 AAGCTTTAGTCC 12

## RESULT 697

US-09-877-478-6129  
 ; Sequence 6129, Application US/09877478  
 ; Publication No. US20030068301A1  
 ; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Draper, Kenneth  
 ; APPLICANT: Blatt, Larry  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Morrissey, Dave  
 ; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
 ; FILE REFERENCE: MBH00-845-H (400/029)  
 ; CURRENT APPLICATION NUMBER: US/09/877,478  
 ; CURRENT FILING DATE: 2001-12-31  
 ; PRIOR APPLICATION NUMBER: US 07/882,712  
 ; PRIOR FILING DATE: 1992-05-14

```

; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6129
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-6129

```

```

Query Match      0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 66.7%; Pred. No. 3.2e+02;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 746 CCGTGTGCACCT 757
DB 1 CCGUGGACUU 12

```

```

RESULT 698
US-09-776-479-796/c
; Sequence 796, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourton, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 796
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-796

```

```

Query Match      0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1255 ATCCCCAACCCC 1266
DB 12 ACCCCCAACCCC 1

```

```

RESULT 699
US-10-362-711-18
; Sequence 18, Application US/10362711
; Publication No. US20040029141A1
; GENERAL INFORMATION:
; APPLICANT: Brodin, Peter
; APPLICANT: Thelin, Anders Lars
; TITLE OF INVENTION: HUMAN AND MOUSE E2-PROTEIN, NUCLEIC

```

```

; TITLE OF INVENTION: ACIDS CODING THEREFOR AND USES THEREOF
; FILE REFERENCE: 06275-340US1
; CURRENT APPLICATION NUMBER: US/10/362,711
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: PCT/GB01/03807
; PRIOR FILING DATE: 2001-08-23
; PRIOR APPLICATION NUMBER: US 60/228,118
; PRIOR FILING DATE: 2000-08-28
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: H-AP-9 primer
US-10-362-711-18

```

```

Query Match      0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1068 AAGCTTCACCTCC 1079
DB 1 AAGCTTCATCC 12

```

```

RESULT 700
US-10-112-653-769/c
; Sequence 769, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 769
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-769

```

```

Query Match      0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1255 ATCCCCAACCCC 1266
DB 12 ACCCCCAACCCC 1

```

```

RESULT 701
US-10-017-995-796/c
; Sequence 796, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093

```



; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 796  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-017-995-796

Query Match 0.5%; Score 10.4; DB 1; Length 13;  
Best Local Similarity 91.7%; Pred. No. 3.2e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1255 ATCCCAACCC 1266  
DB 12 ACCCAACCC 1

## RESULT 702

US-10-084-839-3050/c  
; Sequence 3050, Application US/10084839  
; Publication No. US20030186238A1  
; GENERAL INFORMATION:

; APPLICANT: Third Wave Technologies  
; APPLICANT: Allawi, Hatim  
; APPLICANT: Argue, Brad T.  
; APPLICANT: Bartholomay, Christian T.  
; APPLICANT: Chehak, LuAnne  
; APPLICANT: Curtis, Michelle L.  
; APPLICANT: Eis, Peggy S.  
; APPLICANT: Hall, Jeff G.  
; APPLICANT: Ip, Hon S.  
; APPLICANT: Ji, Lin  
; APPLICANT: Kaiser, Michael  
; APPLICANT: Kwiatkowski, Jr., Robert W.  
; APPLICANT: Lukowiak, Andrew A.  
; APPLICANT: Lyamichev, Victor  
; APPLICANT: Lymaicheva, Natalie E.  
; APPLICANT: Ma, Wufo  
; APPLICANT: Neri, Bruce P.  
; APPLICANT: Olson, Sarah M.  
; APPLICANT: Olson-Munoz, Marilyn C.  
; APPLICANT: Schaefer, James J.  
; APPLICANT: Skrzypczynski, Zbigniew  
; APPLICANT: Takova, Ietaska Y.  
; APPLICANT: Thompson, Lisa C.  
; APPLICANT: Vedvik, Kevin L.  
; TITLE OF INVENTION: RNA Detection Assays  
; FILE REFERENCE: FORS-06666  
; CURRENT APPLICATION NUMBER: US/10/084,839  
; CURRENT FILING DATE: 2002-02-26  
; NUMBER OF SEQ ID NOS: 4004  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 3050  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic

US-10-084-839-3050

Query Match 0.5%; Score 10.4; DB 1; Length 13;  
Best Local Similarity 91.7%; Pred. No. 3.2e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1282 GACAGCGCCAC 1293  
DB 12 GACAGCGCCAC 1

## RESULT 703

US-10-091-281-443/c  
; Sequence 443, Application US/10091281

; Publication No. US20030190617A1  
; GENERAL INFORMATION:

; APPLICANT: RAYMOND, VINCENT  
; APPLICANT: SI, ERWIN  
; APPLICANT: MORISSETTE, JEAN  
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF  
; FILE REFERENCE: 13587.338  
; CURRENT APPLICATION NUMBER: US/10/091,281  
; CURRENT FILING DATE: 2002-03-06  
; NUMBER OF SEQ ID NOS: 463  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 443  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Putative EGRF/WT1.01 motif

US-10-091-281-443

Query Match 0.5%; Score 10.4; DB 1; Length 13;  
Best Local Similarity 91.7%; Pred. No. 3.2e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1091 TCACCCCAACCC 1102  
DB 12 TCCCAACCC 1

## RESULT 704

US-10-362-262-12  
; Sequence 12, Application US/10362262  
; Publication No. US20040014636A1  
; GENERAL INFORMATION:

; APPLICANT: Brodin et al.  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS COMPRISING A MODULATOR OF ADAMTS-1  
; FILE REFERENCE: ASZD-P01-138  
; CURRENT APPLICATION NUMBER: US/10/362,262  
; CURRENT FILING DATE: 2003-02-21  
; PRIOR APPLICATION NUMBER: PCT/GB01/03650  
; PRIOR FILING DATE: 2001-08-16  
; PRIOR APPLICATION NUMBER: SE 0002973-6  
; PRIOR FILING DATE: 2000-08-22  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 12  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:PCR primer  
US-10-362-262-12

Query Match 0.5%; Score 10.4; DB 1; Length 13;  
Best Local Similarity 91.7%; Pred. No. 3.2e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1068 AAGCTTCAGTCC 1079  
DB 1 AAGCTTCAGTCC 12

## RESULT 705

US-10-356-625-20/c  
; Sequence 20, Application US/10356625  
; Publication No. US20030186290A1  
; GENERAL INFORMATION:

; APPLICANT: Tournier-Lasserre, Elisabeth  
; APPLICANT: Joutel, Anne  
; APPLICANT: Bousser, Marie-Germaine  
; APPLICANT: Bach, Jean-Francois  
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND  
; TITLE OF INVENTION: THERAPEUTIC APPLICATION  
; FILE REFERENCE: 03715.0048-00000

```

; CURRENT APPLICATION NUMBER: US/10/356,625
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: US/09/230,652
; PRIOR FILING DATE: 1999-05-17
; PRIOR APPLICATION NUMBER: FR 96 09733
; PRIOR FILING DATE: 1996-08-01
; PRIOR APPLICATION NUMBER: FR 97 04690
; PRIOR FILING DATE: 1997-04-16
; PRIOR APPLICATION NUMBER: PCT/FR97/01433
; PRIOR FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-356-625-20

```

```

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      816 AAGCCTGGAGTG 827
      |||||
Db      12 AAGCCTGGGTG 1

```

```

RESULT 706
US-09-504-231A-1309
; Sequence 1309, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; PRIOR FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1309
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1309

```

```

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 83.3%; Pred. No. 3.9e+02;
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      1177 GCGGCTCCCGC 1188
      |||||
Db      3 GCGGCUCCGGC 14

```

```

RESULT 707
US-09-504-231A-1460

```

```

; Sequence 1460, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1460
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1460

```

```

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 75.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      1216 GCTGACCCCATC 1227
      ||:|||||
Db      3 GCUGACCUCAUC 14

```

```

RESULT 708
US-09-274-553D-1309
; Sequence 1309, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELA
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1309
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1309

```

```

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 83.3%; Pred. No. 3.9e+02;

```

Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1177 GCGGCTCCCGC 1188  
||||:||||  
Db 3 GCGGCUCCCGC 14

## RESULT 709

US-09-274-553D-1460  
; Sequence 1460, Application US/09274553D  
; Patent No. US20020082225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggan, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATED  
; FILE REFERENCE: fpi 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1460  
; LENGTH: 14  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-1460

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 75.0%; Pred. No. 3.9e+02;

Matches 9; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1216 GCTGACCCATC 1227  
||:|||||:  
Db 3 GCUGACCUCAUC 14

## RESULT 710

US-09-978-600-200  
; Sequence 200, Application US/09978600  
; Publication No. US20030087858A1  
; GENERAL INFORMATION:  
; APPLICANT: HERRNSTADT, CORINNA  
; PARKER, WILLIAM D.  
; DAVIS, ROBERT  
; MILLER, SCOTT W.  
; TITLE OF INVENTION: Diagnosis, Therapy and Cellular and  
; Animal Models for Diseases Associated with Mitochondrial  
; Defects  
; NUMBER OF SEQUENCES: 206  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Kenyon & Kenyon  
; STREET: 1025 Connecticut Avenue, N.W.  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20036-5405  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/978,600  
; FILING DATE: 15-Oct-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/413,740  
; FILING DATE: 30-MAR-1995  
; APPLICATION NUMBER: PCT/US95/04063  
; FILING DATE: 30-MAR-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bonham, David B.  
; REGISTRATION NUMBER: 34297  
; REFERENCE/DOCKET NUMBER: 2105/7  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 429-1776  
; TELEFAX: (202) 429-0796  
; INFORMATION FOR SEQ ID NO: 200:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; TOPOLOGY: linear  
; STRANDEDNESS: double  
; MOLECULE TYPE: other nucleic acid  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; SEQUENCE DESCRIPTION: SEQ ID NO: 200:  
US-09-978-600-200

## Query Match

Best Local Similarity 91.7%; Pred. No. 3.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1085 CAGGCTCACCC 1096  
|||||  
Db 3 CAGGCATCACCC 14

## RESULT 711

US-10-146-058-87/c  
; Sequence 87, Application US/10146058  
; Publication No. US20030040499A1  
; GENERAL INFORMATION:  
; APPLICANT: Schlingensiepen, Georg-Ferdinand  
; APPLICANT: Brysch, Wolfgang  
; APPLICANT: Schlingensiepen, Karl-Hermann  
; APPLICANT: Schlingensiepen, Reimar  
; APPLICANT: Bogdahn, Ulrich  
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of  
; immunosuppressive effect of transforming-growth-factor beta  
; NUMBER OF SEQUENCES: 137  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jacobson, Price, Holman & Stern  
; STREET: 400 Seventh St. N.W.  
; CITY: Washington D.C  
; COUNTRY: U.S.A.  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/146,058  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/535,249  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 93 107 089.0  
; FILING DATE: 30-APR-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 93 107 849.7  
; FILING DATE: 13-MAY-1993

ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,409  
REFERENCE/DOCKET NUMBER: 10577/P58418  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 638-6666  
TELEFAX: (202) 393-5350  
TELEX: RCA 248593 IDEA UR  
INFORMATION FOR SEQ ID NO: 87:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
ANTI-SENSE: YES  
US-10-146-058-87

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 3.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1254 CATCCCAACCC 1265  
||| |||||  
Db 13 CATCTCCAACCC 2

## RESULT 712

US-10-146-058-125  
Sequence 125, Application US/10146058  
Publication No. US20030040499A1  
GENERAL INFORMATION:  
APPLICANT: Schlingensiepen, Georg-Ferdinand  
APPLICANT: Brysch, Wolfgang  
APPLICANT: Schlingensiepen, Karl-Hermann  
APPLICANT: Schlingensiepen, Reimar  
APPLICANT: Bogdahn, Ulrich  
TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of  
NUMBER OF SEQUENCES: 137  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jacobson, Price, Holman & Stern  
STREET: 400 Seventh St. N.W.  
CITY: Washington D.C.  
COUNTRY: U.S.A.  
ZIP: 20004

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/146,058  
FILING DATE:

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/535,249  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 93 107 089.0  
FILING DATE: 30-APR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 93 107 849.7  
FILING DATE: 13-MAY-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,409  
REFERENCE/DOCKET NUMBER: 10577/P58418  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 638-6666  
TELEFAX: (202) 393-5350  
TELEX: RCA 248593 IDEA UR  
INFORMATION FOR SEQ ID NO: 125:

SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
ANTI-SENSE: YES  
US-10-146-058-125

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 3.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 731 AGGAGAACAGCA 742  
||| ||||| |||||  
Db 1 AGGAGAACAGCA 12

## RESULT 713

US-10-112-882-4/c  
Sequence 4, Application US/10112882  
Publication No. US20030143554A1  
GENERAL INFORMATION:  
APPLICANT: Berres, Mark E  
APPLICANT: Kirsch, John AW  
APPLICANT: Engels, William R  
TITLE OF INVENTION: Method of Genotyping by Determination of Allele Copy Number  
FILE REFERENCE: 282.002  
CURRENT APPLICATION NUMBER: US/10/112,882  
PRIOR FILING DATE: 2002-11-19  
PRIOR APPLICATION NUMBER: US 60/280,727  
PRIOR FILING DATE: 2001-03-31  
PRIOR APPLICATION NUMBER: US 60/313,578  
PRIOR FILING DATE: 2001-08-17  
NUMBER OF SEQ ID NOS: 8  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 4  
LENGTH: 14  
TYPE: DNA  
ORGANISM: Artificial  
FEATURE:  
OTHER INFORMATION: synthetic DNA  
US-10-112-882-4

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 3.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 ACTCAGGACTCA 879  
||| ||||| |||||  
Db 13 ACTCAGGACTCA 2

## RESULT 714

US-10-270-839-2  
Sequence 2, Application US/10270839  
Publication No. US20030143586A1  
GENERAL INFORMATION:  
APPLICANT: Chao, Qimin  
APPLICANT: Grasso, Luigi  
APPLICANT: Sass, Philip M.  
APPLICANT: Nicolaides, Nicholas C.  
TITLE OF INVENTION: Genetic Hypermutability of Plants for Gene Discovery and Diagnostic  
FILE REFERENCE: AG0002US (MOR-0133)  
CURRENT APPLICATION NUMBER: US/10/270,839  
CURRENT FILING DATE: 2002-10-11  
PRIOR APPLICATION NUMBER: 60/328,750  
PRIOR FILING DATE: 2001-10-12  
NUMBER OF SEQ ID NOS: 129  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 2  
LENGTH: 14  
TYPE: DNA

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-270-839-2

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      868 ACTCAGGACTCA 879
Db      2 ACTCAGGACTCA 13

RESULT 715
US-10-062-248-1
; Sequence 1, Application US/10062248
; Publication No. US20030148288A1
; GENERAL INFORMATION:
; APPLICANT: TANG, YI-WEI
; TITLE OF INVENTION: COLORIMETRIC GENETIC TEST FOR CLINICALLY SIGNIFICANT
; FILE REFERENCE: N7438
; CURRENT APPLICATION NUMBER: US/10/062,248
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: probe
US-10-062-248-1

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1250 ACCCATCCCCA 1261
Db      1 ACCCATCCCCA 12

RESULT 716
US-10-169-371-6
; Sequence 6, Application US/10169371
; Publication No. US20030175729A1
; GENERAL INFORMATION:
; APPLICANT: VAN EIJK, Michael Josephus Theresia
; APPLICANT: HOGERS, Rene Cornelis Josephus
; APPLICANT: HEIJUNEN, Leo
; TITLE OF INVENTION: Method for generating oligonucleotides, in particular for the
; FILE REFERENCE: VAN EIJK=2
; CURRENT APPLICATION NUMBER: US/10/169,371
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: EPC 99204614.4
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: PCT/NL00/00963
; PRIOR FILING DATE: 2000-12-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-169-371-6

Query Match          0.5%; Score 10.4; DB 1; Length 14;

Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      868 ACTCAGGACTCA 879
Db      2 ACTCAGGACTCA 13

RESULT 717
US-10-356-625-18
; Sequence 18, Application US/10356625
; Publication No. US20030186290A1
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/10/356,625
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: US/09/230,652
; PRIOR FILING DATE: 1999-05-17
; PRIOR APPLICATION NUMBER: FR 96 09733
; PRIOR FILING DATE: 1996-08-01
; PRIOR APPLICATION NUMBER: FR 97 04680
; PRIOR FILING DATE: 1997-04-16
; PRIOR APPLICATION NUMBER: PCT/FR97/01433
; PRIOR FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-356-625-18

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1082 CTCGAGGCTTCA 1093
Db      3 CCCGAGGCTTCA 14

RESULT 718
US-10-362-817-4/c
; Sequence 4, Application US/10362817
; Publication No. US20030186294A1
; GENERAL INFORMATION:
; APPLICANT: Kong, Xiangyin
; APPLICANT: Bu, Lei
; APPLICANT: Zhao, Guoping
; APPLICANT: Yan, Shunsheng
; APPLICANT: Jin, Meilei
; APPLICANT: Sulitang, Verjiang
; APPLICANT: Jin, Yiping
; APPLICANT: Hu, Liandian
; TITLE OF INVENTION: METHOD OF DIAGNOSING AND TREATING LENS ILLNESSES USING HUMAN CF
; FILE REFERENCE: 9548.77USWO
; CURRENT APPLICATION NUMBER: US/10/362,817
; CURRENT FILING DATE: 2003-02-25
; PRIOR APPLICATION NUMBER: PCT/CN01/01274
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: CN 00119756.8
; PRIOR FILING DATE: 2000-08-25
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
```

; SEQ ID NO 4  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Adapter  
US-10-362-817-4

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 3.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 868 ACTGAGGACTCA 879  
||| |||||  
Db 13 ACTCAGGACTCA 2

## RESULT 719

US-10-220-033-15/c  
; Sequence 15, Application US/10220033  
; Publication No. US20030186906A1  
; GENERAL INFORMATION:  
; APPLICANT: Schlengersiepen, Karl-Hermann  
; TITLE OF INVENTION: Mixture comprising an inhibitor or suppressor of a gene  
; TITLE OF INVENTION: and a molecule binding to an expression product of that  
; FILE REFERENCE: P68119USO  
; CURRENT APPLICATION NUMBER: US/10/220,033  
; PRIOR FILING DATE: 2003-03-17  
; PRIOR APPLICATION NUMBER: PCT/EP01/02694  
; PRIOR FILING DATE: 2001-03-10  
; PRIOR APPLICATION NUMBER: EP00105190.3  
; PRIOR FILING DATE: 2000-03-11  
; NUMBER OF SEQ ID NOS: 42  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 15  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: antisense  
US-10-220-033-15

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 3.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1140 CAGCTCCACCTA 1151  
||| |||||  
Db 14 CAGCACCACCTA 3

## RESULT 720

US-10-276-401-2  
; Sequence 2, Application US/10276401  
; Publication No. US20030190645A1  
; GENERAL INFORMATION:  
; APPLICANT: KeyGene N.V.  
; TITLE OF INVENTION: Microsatellite-AFLP  
; FILE REFERENCE: VAN EIJK=3  
; CURRENT APPLICATION NUMBER: US/10/276,401  
; CURRENT FILING DATE: 2002-11-15  
; PRIOR APPLICATION NUMBER: BO-43224  
; PRIOR FILING DATE: 2001-05-15  
; PRIOR APPLICATION NUMBER: 00201725.9  
; PRIOR FILING DATE: 2000-05-15  
; PRIOR APPLICATION NUMBER: 01200104.6  
; PRIOR FILING DATE: 2001-01-01  
; NUMBER OF SEQ ID NOS: 53  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 2

; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: adapter  
US-10-276-401-2

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 3.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 868 ACTGAGGACTCA 879  
||| |||||  
Db 2 ACTCAGGACTCA 13

## RESULT 721

US-10-455-552-93  
; Sequence 93, Application US/10455552  
; Publication No. US20040018533A1  
; GENERAL INFORMATION:  
; APPLICANT: Adam, Gail Isabel  
; APPLICANT: Langdown, Maria  
; APPLICANT: Roth, Richard  
; APPLICANT: Denissenko, Mikhail  
; APPLICANT: Smylie, Kevin  
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT  
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT  
; FILE REFERENCE: 52459-20030.00  
; CURRENT APPLICATION NUMBER: US/10/455,552  
; CURRENT FILING DATE: 2003-06-04  
; PRIOR APPLICATION NUMBER: US 60/386,012  
; PRIOR FILING DATE: 2002-06-04  
; NUMBER OF SEQ ID NOS: 98  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 93  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-455-552-93

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 3.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1050 GCCCCTGGCCCC 1061  
||| |||||  
Db 3 GCCCGGGCCCC 14

## RESULT 722

US-10-455-552-95  
; Sequence 95, Application US/10455552  
; Publication No. US20040018533A1  
; GENERAL INFORMATION:  
; APPLICANT: Adam, Gail Isabel  
; APPLICANT: Langdown, Maria  
; APPLICANT: Roth, Richard  
; APPLICANT: Denissenko, Mikhail  
; APPLICANT: Smylie, Kevin  
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT  
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT  
; FILE REFERENCE: 52459-20030.00  
; CURRENT APPLICATION NUMBER: US/10/455,552  
; CURRENT FILING DATE: 2003-06-04  
; PRIOR APPLICATION NUMBER: US 60/386,012  
; PRIOR FILING DATE: 2002-06-04  
; NUMBER OF SEQ ID NOS: 98  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 95  
; LENGTH: 14

; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-455-552-95

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 3.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1050 GCCCCTGGCCCC 1061  
Db 3 GCCCGGGCCCC 14

RESULT 723  
US-10-455-552-98  
; Sequence 98, Application US/10455552  
; Publication No. US20040018533A1  
; GENERAL INFORMATION:  
; APPLICANT: Adam, Gail Isabel  
; APPLICANT: Langdown, Maria  
; APPLICANT: Roth, Richard  
; APPLICANT: Denissenko, Mikhail  
; APPLICANT: Smylie, Kevin  
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT  
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT  
; TITLE OF INVENTION: DEPOSITION AND TREATMENT OF ASSOCIATED CONDITIONS  
; FILE REFERENCE: 52459-20030.00  
; CURRENT APPLICATION NUMBER: US/10/455,552  
; PRIOR FILING DATE: 2003-06-04  
; PRIOR APPLICATION NUMBER: US 60/386,012  
; PRIOR FILING DATE: 2002-06-04  
; NUMBER OF SEQ ID NOS: 98  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 98  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-455-552-98

Query Match 0.5%; Score 10.4; DB 1; Length 14;  
Best Local Similarity 91.7%; Pred. No. 3.9e+02;  
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1050 GCCCCTGGCCCC 1061  
Db 3 GCCCGGGCCCC 14

Search completed: March 1, 2004, 15:33:54  
Job time : 16 secs

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 1, 2004, 15:36:49 ; Search time 24 Seconds

(without alignments)  
3.664 Million cell updates/sec

Title: us-09-695-451-1

Perfect score: 2161

Sequence: 1-cggccagtgatcttgaacc.....tacactaaattctgaagtt 2161

Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 0.5

Searched: 1037 seqs, 20347 residues

Total number of hits satisfying chosen parameters: 2074

Minimum DB seq length: 8

Maximum DB seq length: 80

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1063 summaries

Database : rnmpm.seq\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	30	1.4	30	1	US-09-525-998-9
2	30	1.4	30	1	US-09-752-356-9
3	30	1.4	30	1	US-09-898-234-9
4	30	1.4	30	1	US-09-899-422-9
5	30	1.4	30	1	US-09-899-422-9
6	29	1.3	29	1	US-08-190-412B-206
7	25	1.2	25	1	PCT-US03-04606-91
8	24	1.1	24	1	US-08-190-412B-207
9	23	1.1	24	1	US-08-190-412B-210
10	22	1.0	22	1	US-10-409-107A-1
11	21	1.0	29	1	US-10-380-438-15
12	20.8	1.0	24	1	US-08-529-190A-7
13	20.8	1.0	24	1	US-08-733-369A-63
14	20.8	1.0	24	1	US-08-970-900-57
15	20.2	0.9	25	1	US-08-507-481-32118
16	20	0.9	28	1	PCT-US95-05854-2
17	20	0.9	28	1	US-10-349-977-2
18	19.8	0.9	25	1	US-10-355-577-313303
19	19.8	0.9	25	1	US-60-353-987-313303
20	19.2	0.9	24	1	US-08-529-190A-10
21	19.2	0.9	24	1	US-08-733-369A-66
22	19.2	0.9	24	1	US-08-970-900-59
23	19.2	0.9	25	1	US-09-954-427-80683
24	19.2	0.9	25	1	US-09-954-427A-236276
25	19.2	0.9	25	1	US-60-333-166-80683
26	19.2	0.9	27	1	US-09-980-469-20
27	19	0.9	19	1	PCT-US03-04741-219
28	19	0.9	19	1	PCT-US03-04741-220
29	19	0.9	19	1	PCT-US03-04741-221
30	19	0.9	19	1	PCT-US03-04741-222
31	19	0.9	19	1	PCT-US03-04741-223
32	19	0.9	19	1	PCT-US03-04741-224
33	19	0.9	19	1	PCT-US03-04741-225

34	19	0.9	19	1	PCT-US03-04741-226	Sequence 226, App
35	19	0.9	19	1	PCT-US03-04741-227	Sequence 227, App
36	19	0.9	19	1	PCT-US03-04741-228	Sequence 228, App
37	19	0.9	19	1	PCT-US03-04741-229	Sequence 229, App
38	19	0.9	19	1	PCT-US03-04741-230	Sequence 230, App
39	19	0.9	19	1	PCT-US03-04741-231	Sequence 231, App
40	19	0.9	19	1	PCT-US03-04741-232	Sequence 232, App
41	19	0.9	19	1	PCT-US03-04741-233	Sequence 233, App
42	19	0.9	19	1	PCT-US03-04741-234	Sequence 234, App
43	19	0.9	19	1	PCT-US03-04741-235	Sequence 235, App
44	19	0.9	19	1	PCT-US03-04741-236	Sequence 236, App
45	19	0.9	19	1	PCT-US03-04741-237	Sequence 237, App
46	19	0.9	19	1	PCT-US03-04741-238	Sequence 238, App
47	19	0.9	19	1	PCT-US03-04741-239	Sequence 239, App
48	19	0.9	19	1	PCT-US03-04741-240	Sequence 240, App
49	19	0.9	19	1	PCT-US03-04741-241	Sequence 241, App
50	19	0.9	19	1	PCT-US03-04741-242	Sequence 242, App
51	19	0.9	19	1	PCT-US03-04741-243	Sequence 243, App
52	19	0.9	19	1	PCT-US03-04741-244	Sequence 244, App
53	19	0.9	19	1	PCT-US03-04741-245	Sequence 245, App
54	19	0.9	19	1	PCT-US03-04741-246	Sequence 246, App
55	19	0.9	19	1	PCT-US03-04741-247	Sequence 247, App
56	19	0.9	19	1	PCT-US03-04741-248	Sequence 248, App
57	19	0.9	19	1	PCT-US03-04741-249	Sequence 249, App
58	19	0.9	19	1	PCT-US03-04741-250	Sequence 250, App
59	19	0.9	19	1	PCT-US03-04741-342	Sequence 342, App
60	19	0.9	19	1	PCT-US03-04741-343	Sequence 343, App
61	19	0.9	19	1	PCT-US03-04741-344	Sequence 344, App
62	19	0.9	19	1	PCT-US03-04741-345	Sequence 345, App
63	19	0.9	19	1	PCT-US03-04741-346	Sequence 346, App
64	19	0.9	19	1	PCT-US03-04741-347	Sequence 347, App
65	19	0.9	19	1	PCT-US03-04741-348	Sequence 348, App
66	19	0.9	19	1	PCT-US03-04741-349	Sequence 349, App
67	19	0.9	19	1	PCT-US03-04741-350	Sequence 350, App
68	19	0.9	19	1	PCT-US03-04741-351	Sequence 351, App
69	19	0.9	19	1	PCT-US03-04741-352	Sequence 352, App
70	19	0.9	19	1	PCT-US03-04741-353	Sequence 353, App
71	19	0.9	19	1	PCT-US03-04741-354	Sequence 354, App
72	19	0.9	19	1	PCT-US03-04741-355	Sequence 355, App
73	19	0.9	19	1	PCT-US03-04741-356	Sequence 356, App
74	19	0.9	19	1	PCT-US03-04741-357	Sequence 357, App
75	19	0.9	19	1	PCT-US03-04741-358	Sequence 358, App
76	19	0.9	19	1	PCT-US03-04741-359	Sequence 359, App
77	19	0.9	19	1	PCT-US03-04741-360	Sequence 360, App
78	19	0.9	19	1	PCT-US03-04741-361	Sequence 361, App
79	19	0.9	19	1	PCT-US03-04741-362	Sequence 362, App
80	19	0.9	19	1	PCT-US03-04741-363	Sequence 363, App
81	19	0.9	19	1	PCT-US03-04741-364	Sequence 364, App
82	19	0.9	19	1	PCT-US03-04741-365	Sequence 365, App
83	19	0.9	19	1	PCT-US03-04741-366	Sequence 366, App
84	19	0.9	19	1	PCT-US03-04741-367	Sequence 367, App
85	19	0.9	19	1	PCT-US03-04741-368	Sequence 368, App
86	19	0.9	19	1	PCT-US03-04741-369	Sequence 369, App
87	19	0.9	19	1	PCT-US03-04741-370	Sequence 370, App
88	19	0.9	19	1	PCT-US03-04741-371	Sequence 371, App
89	19	0.9	19	1	PCT-US03-04741-372	Sequence 372, App
90	19	0.9	19	1	PCT-US03-04741-373	Sequence 373, App
91	18.8	0.9	24	1	US-08-529-190A-16	Sequence 16, Appl
92	18.8	0.9	24	1	US-08-733-369A-72	Sequence 72, Appl
93	18.8	0.9	24	1	US-08-970-900-63	Sequence 63, Appl
94	18.6	0.9	25	1	US-10-719-900-208603	Sequence 208603,
95	18.6	0.9	25	1	US-10-719-900-485674	Sequence 485674,
96	18.6	0.9	25	1	US-10-719-900-485675	Sequence 485675,
97	18.6	0.9	25	1	US-10-719-956-134336	Sequence 134336,
98	18.6	0.9	25	1	US-10-719-956-169282	Sequence 169282,
99	18.6	0.9	25	1	US-60-427-808-208603	Sequence 208603,
100	18.6	0.9	25	1	US-60-427-808-485674	Sequence 485674,
101	18.6	0.9	25	1	US-60-427-808-485675	Sequence 485675,
102	18.6	0.9	25	1	US-60-427-836-134336	Sequence 134336,
103	18.6	0.9	25	1	US-60-427-836-169282	Sequence 169282,
104	18.6	0.9	25	1	US-60-507-511-66945	Sequence 66945, A
105	18.2	0.8	23	1	PCT-US02-09771-128	Sequence 128, App
106	18.2	0.8	23	1	US-10-113-877-128	Sequence 128, App



107	18.2	0.8	23	1	US-10-464-609-12	Sequence 12, Appl	c 180	18	0.8	18	1	US-09-695-451-143	Sequence 143, App
c 108	18.2	0.8	23	1	US-07-954-185A-33	Sequence 33, Appl	c 181	18	0.8	18	1	US-09-695-451-144	Sequence 144, App
c 109	18.2	0.8	25	1	US-07-954-185A-34	Sequence 34, Appl	c 182	18	0.8	18	1	US-09-756-161A-15	Sequence 15, Appl
c 110	18.2	0.8	25	1	US-09-299-058-33	Sequence 33, Appl	c 183	18	0.8	18	1	US-09-756-301A-15	Sequence 15, Appl
c 111	18.2	0.8	25	1	US-09-299-058-34	Sequence 34, Appl	c 184	18	0.8	18	1	US-09-756-301B-15	Sequence 15, Appl
c 112	18.2	0.8	25	1	US-09-953-115A-1786	Sequence 1786, App	c 185	18	0.8	18	1	US-09-756-398B-15	Sequence 15, Appl
c 113	18.2	0.8	25	1	US-09-953-115A-21731	Sequence 21731, A	c 186	18	0.8	18	1	US-09-766-535A-15	Sequence 15, Appl
c 114	18.2	0.8	25	1	US-10-355-577-313306	Sequence 313306,	c 187	18	0.8	18	1	US-09-897-724-15	Sequence 15, Appl
c 115	18.2	0.8	25	1	US-10-355-577-560795	Sequence 560795,	c 188	18	0.8	18	1	US-10-010-229-15	Sequence 15, Appl
c 116	18.2	0.8	25	1	US-10-719-956-535328	Sequence 535328,	c 189	18	0.8	18	1	US-10-043-432-15	Sequence 15, Appl
c 117	18.2	0.8	25	1	US-60-353-987-313306	Sequence 313306,	c 190	18	0.8	18	1	US-10-043-436-15	Sequence 15, Appl
c 118	18.2	0.8	25	1	US-60-353-987-560795	Sequence 560795,	c 191	18	0.8	18	1	US-10-043-430-15	Sequence 15, Appl
c 119	18.2	0.8	25	1	US-60-427-836-535328	Sequence 535328,	c 192	18	0.8	18	1	US-10-044-534-15	Sequence 15, Appl
c 120	18.2	0.8	25	1	US-60-507-511-171167	Sequence 171167,	c 193	18	0.8	18	1	US-10-176-460-15	Sequence 15, Appl
c 121	18	0.8	25	1	US-08-192-861-15	Sequence 15, Appl	c 194	18	0.8	18	1	US-10-186-559-15	Sequence 15, Appl
c 122	18	0.8	25	1	US-08-442-133-10	Sequence 10, Appl	c 195	18	0.8	18	1	US-10-187-121-15	Sequence 15, Appl
c 123	18	0.8	25	1	US-08-570-674-15	Sequence 15, Appl	c 196	18	0.8	18	1	US-10-198-845-15	Sequence 15, Appl
c 124	18	0.8	25	1	US-09-695-451-47	Sequence 47, Appl	c 197	18	0.8	18	1	US-10-200-795-15	Sequence 15, Appl
c 125	18	0.8	25	1	US-09-695-451-48	Sequence 48, Appl	c 198	18	0.8	18	1	US-10-208-145-15	Sequence 15, Appl
c 126	18	0.8	25	1	US-09-695-451-49	Sequence 49, Appl	c 199	18	0.8	18	1	US-10-227-488-15	Sequence 15, Appl
c 127	18	0.8	25	1	US-09-695-451-50	Sequence 50, Appl	c 200	18	0.8	18	1	US-10-319-011-15	Sequence 15, Appl
c 128	18	0.8	25	1	US-09-695-451-51	Sequence 51, Appl	c 201	18	0.8	18	1	US-10-371-443-15	Sequence 15, Appl
c 129	18	0.8	25	1	US-09-695-451-52	Sequence 52, Appl	c 202	18	0.8	18	1	US-10-371-961-15	Sequence 15, Appl
c 130	18	0.8	25	1	US-09-695-451-53	Sequence 53, Appl	c 203	18	0.8	18	1	US-10-371-962-15	Sequence 15, Appl
c 131	18	0.8	25	1	US-09-695-451-54	Sequence 54, Appl	c 204	18	0.8	18	1	US-10-379-866-15	Sequence 15, Appl
c 132	18	0.8	25	1	US-09-695-451-55	Sequence 55, Appl	c 205	18	0.8	18	1	US-10-637-759-15	Sequence 15, Appl
c 133	18	0.8	25	1	US-09-695-451-56	Sequence 56, Appl	c 206	18	0.8	18	1	US-10-702-817-47	Sequence 47, Appl
c 134	18	0.8	25	1	US-09-695-451-57	Sequence 57, Appl	c 207	18	0.8	18	1	US-10-702-817-48	Sequence 48, Appl
c 135	18	0.8	25	1	US-09-695-451-58	Sequence 58, Appl	c 208	18	0.8	18	1	US-10-702-817-49	Sequence 49, Appl
c 136	18	0.8	25	1	US-09-695-451-59	Sequence 59, Appl	c 209	18	0.8	18	1	US-10-702-817-50	Sequence 50, Appl
c 137	18	0.8	25	1	US-09-695-451-60	Sequence 60, Appl	c 210	18	0.8	18	1	US-10-702-817-51	Sequence 51, Appl
c 138	18	0.8	25	1	US-09-695-451-61	Sequence 61, Appl	c 211	18	0.8	18	1	US-10-702-817-52	Sequence 52, Appl
c 139	18	0.8	25	1	US-09-695-451-62	Sequence 62, Appl	c 212	18	0.8	18	1	US-10-702-817-53	Sequence 53, Appl
c 140	18	0.8	25	1	US-09-695-451-63	Sequence 63, Appl	c 213	18	0.8	18	1	US-10-702-817-54	Sequence 54, Appl
c 141	18	0.8	25	1	US-09-695-451-64	Sequence 64, Appl	c 214	18	0.8	18	1	US-10-702-817-55	Sequence 55, Appl
c 142	18	0.8	25	1	US-09-695-451-65	Sequence 65, Appl	c 215	18	0.8	18	1	US-10-702-817-56	Sequence 56, Appl
c 143	18	0.8	25	1	US-09-695-451-66	Sequence 66, Appl	c 216	18	0.8	18	1	US-10-702-817-57	Sequence 57, Appl
c 144	18	0.8	25	1	US-09-695-451-67	Sequence 67, Appl	c 217	18	0.8	18	1	US-10-702-817-58	Sequence 58, Appl
c 145	18	0.8	25	1	US-09-695-451-68	Sequence 68, Appl	c 218	18	0.8	18	1	US-10-702-817-59	Sequence 59, Appl
c 146	18	0.8	25	1	US-09-695-451-69	Sequence 69, Appl	c 219	18	0.8	18	1	US-10-702-817-60	Sequence 60, Appl
c 147	18	0.8	25	1	US-09-695-451-70	Sequence 70, Appl	c 220	18	0.8	18	1	US-10-702-817-61	Sequence 61, Appl
c 148	18	0.8	25	1	US-09-695-451-111	Sequence 111, App	c 221	18	0.8	18	1	US-10-702-817-62	Sequence 62, Appl
c 149	18	0.8	25	1	US-09-695-451-112	Sequence 112, App	c 222	18	0.8	18	1	US-10-702-817-63	Sequence 63, Appl
c 150	18	0.8	25	1	US-09-695-451-113	Sequence 113, App	c 223	18	0.8	18	1	US-10-702-817-64	Sequence 64, Appl
c 151	18	0.8	25	1	US-09-695-451-114	Sequence 114, App	c 224	18	0.8	18	1	US-10-702-817-65	Sequence 65, Appl
c 152	18	0.8	25	1	US-09-695-451-115	Sequence 115, App	c 225	18	0.8	18	1	US-10-702-817-66	Sequence 66, Appl
c 153	18	0.8	25	1	US-09-695-451-116	Sequence 116, App	c 226	18	0.8	18	1	US-10-702-817-67	Sequence 67, Appl
c 154	18	0.8	25	1	US-09-695-451-117	Sequence 117, App	c 227	18	0.8	18	1	US-10-702-817-68	Sequence 68, Appl
c 155	18	0.8	25	1	US-09-695-451-118	Sequence 118, App	c 228	18	0.8	18	1	US-10-702-817-69	Sequence 69, Appl
c 156	18	0.8	25	1	US-09-695-451-119	Sequence 119, App	c 229	18	0.8	18	1	US-10-702-817-70	Sequence 70, Appl
c 157	18	0.8	25	1	US-09-695-451-120	Sequence 120, App	c 230	18	0.8	18	1	US-10-702-817-111	Sequence 111, App
c 158	18	0.8	25	1	US-09-695-451-121	Sequence 121, App	c 231	18	0.8	18	1	US-10-702-817-112	Sequence 112, App
c 159	18	0.8	25	1	US-09-695-451-122	Sequence 122, App	c 232	18	0.8	18	1	US-10-702-817-113	Sequence 113, App
c 160	18	0.8	25	1	US-09-695-451-123	Sequence 123, App	c 233	18	0.8	18	1	US-10-702-817-114	Sequence 114, App
c 161	18	0.8	25	1	US-09-695-451-124	Sequence 124, App	c 234	18	0.8	18	1	US-10-702-817-115	Sequence 115, App
c 162	18	0.8	25	1	US-09-695-451-125	Sequence 125, App	c 235	18	0.8	18	1	US-10-702-817-116	Sequence 116, App
c 163	18	0.8	25	1	US-09-695-451-126	Sequence 126, App	c 236	18	0.8	18	1	US-10-702-817-117	Sequence 117, App
c 164	18	0.8	25	1	US-09-695-451-127	Sequence 127, App	c 237	18	0.8	18	1	US-10-702-817-118	Sequence 118, App
c 165	18	0.8	25	1	US-09-695-451-128	Sequence 128, App	c 238	18	0.8	18	1	US-10-702-817-119	Sequence 119, App
c 166	18	0.8	25	1	US-09-695-451-129	Sequence 129, App	c 239	18	0.8	18	1	US-10-702-817-120	Sequence 120, App
c 167	18	0.8	25	1	US-09-695-451-130	Sequence 130, App	c 240	18	0.8	18	1	US-10-702-817-121	Sequence 121, App
c 168	18	0.8	25	1	US-09-695-451-131	Sequence 131, App	c 241	18	0.8	18	1	US-10-702-817-122	Sequence 122, App
c 169	18	0.8	25	1	US-09-695-451-132	Sequence 132, App	c 242	18	0.8	18	1	US-10-702-817-123	Sequence 123, App
c 170	18	0.8	25	1	US-09-695-451-133	Sequence 133, App	c 243	18	0.8	18	1	US-10-702-817-124	Sequence 124, App
c 171	18	0.8	25	1	US-09-695-451-134	Sequence 134, App	c 244	18	0.8	18	1	US-10-702-817-125	Sequence 125, App
c 172	18	0.8	25	1	US-09-695-451-135	Sequence 135, App	c 245	18	0.8	18	1	US-10-702-817-126	Sequence 126, App
c 173	18	0.8	25	1	US-09-695-451-136	Sequence 136, App	c 246	18	0.8	18	1	US-10-702-817-127	Sequence 127, App
c 174	18	0.8	25	1	US-09-695-451-137	Sequence 137, App	c 247	18	0.8	18	1	US-10-702-817-128	Sequence 128, App
c 175	18	0.8	25	1	US-09-695-451-138	Sequence 138, App	c 248	18	0.8	18	1	US-10-702-817-129	Sequence 129, App
c 176	18	0.8	25	1	US-09-695-451-139	Sequence 139, App	c 249	18	0.8	18	1	US-10-702-817-130	Sequence 130, App
c 177	18	0.8	25	1	US-09-695-451-140	Sequence 140, App	c 250	18	0.8	18	1	US-10-702-817-131	Sequence 131, App
c 178	18	0.8	25	1	US-09-695-451-141	Sequence 141, App	c 251	18	0.8	18	1	US-10-702-817-132	Sequence 132, App
c 179	18	0.8	25	1	US-09-695-451-142	Sequence 142, App	c 252	18	0.8	18	1	US-10-702-817-133	Sequence 133, App

c 253	18	0.8	18	0.8	18	1	US-10-702-817-133	Sequence 133, App	c 326	17.6	0.8	25	1	US-60-427-808-294316	Sequence 294316,
c 254	18	0.8	18	0.8	18	1	US-10-702-817-134	Sequence 134, App	327	17.6	0.8	25	1	US-60-427-808-389011	Sequence 389011,
c 255	18	0.8	18	0.8	18	1	US-10-702-817-135	Sequence 135, App	328	17.6	0.8	25	1	US-60-427-808-389012	Sequence 389012,
c 256	18	0.8	18	0.8	18	1	US-10-702-817-136	Sequence 136, App	c 329	17.6	0.8	25	1	US-60-427-808-696649	Sequence 696649,
c 257	18	0.8	18	0.8	18	1	US-10-702-817-137	Sequence 137, App	c 330	17.6	0.8	25	1	US-60-427-808-696649	Sequence 696649,
c 258	18	0.8	18	0.8	18	1	US-10-702-817-138	Sequence 138, App	c 331	17.6	0.8	25	1	US-60-427-808-698151	Sequence 698151,
c 259	18	0.8	18	0.8	18	1	US-10-702-817-139	Sequence 139, App	c 332	17.6	0.8	25	1	US-60-427-836-44082	Sequence 44082, A
c 260	18	0.8	18	0.8	18	1	US-10-702-817-140	Sequence 140, App	c 333	17.6	0.8	25	1	US-60-427-836-219688	Sequence 219688,
c 261	18	0.8	18	0.8	18	1	US-10-702-817-141	Sequence 141, App	c 334	17.6	0.8	25	1	US-60-427-836-328544	Sequence 328544,
c 262	18	0.8	18	0.8	18	1	US-10-702-817-142	Sequence 142, App	c 335	17.6	0.8	25	1	US-60-475-871-34543	Sequence 34543, A
c 263	18	0.8	18	0.8	18	1	US-10-702-817-143	Sequence 143, App	c 336	17.6	0.8	25	1	US-60-475-871-39917	Sequence 39917, A
c 264	18	0.8	18	0.8	18	1	US-10-702-817-144	Sequence 144, App	c 337	17.6	0.8	25	1	US-60-475-871-150624	Sequence 150624,
c 265	18	0.8	24	0.8	24	1	US-09-757-041-11	Sequence 11, Appl	c 338	17.6	0.8	25	1	US-60-507-481-33687	Sequence 33687, A
c 266	18	0.8	24	0.8	24	1	US-09-757-041A-11	Sequence 11, Appl	c 339	17.6	0.8	25	1	US-60-507-481-64448	Sequence 64448, A
c 267	17.8	0.8	24	0.8	24	1	US-08-529-190A-13	Sequence 13, Appl	c 340	17.6	0.8	25	1	US-60-507-481-110571	Sequence 110571,
c 268	17.8	0.8	24	0.8	24	1	US-08-733-369A-69	Sequence 69, Appl	c 341	17.6	0.8	25	1	US-60-507-481-176654	Sequence 176654,
c 269	17.8	0.8	24	0.8	24	1	US-08-970-900-61	Sequence 61, Appl	c 342	17.6	0.8	25	1	US-60-507-511-152513	Sequence 52513, A
c 270	17.8	0.8	25	0.8	25	1	US-09-396-196F-67637	Sequence 67637, A	c 343	17.6	0.8	25	1	US-60-507-511-163718	Sequence 163718,
c 271	17.8	0.8	25	0.8	25	1	US-09-396-196G-67637	Sequence 67637, A	c 344	17.6	0.8	25	1	US-09-695-451-197	Sequence 197, App
c 272	17.8	0.8	25	0.8	25	1	US-10-355-577-563589	Sequence 563589,	c 345	17.4	0.8	20	1	US-10-702-817-197	Sequence 197, App
c 273	17.8	0.8	25	0.8	25	1	US-10-355-577-563589	Sequence 563589,	c 346	17.4	0.8	22	1	US-10-321-039-633	Sequence 633, App
c 274	17.8	0.8	25	0.8	25	1	US-10-719-900-666385	Sequence 666385,	c 347	17.2	0.8	22	1	US-10-354-953-760	Sequence 760, App
c 275	17.8	0.8	25	0.8	25	1	US-60-353-987-563589	Sequence 275112,	c 348	17.2	0.8	22	1	US-07-954-185A-36	Sequence 36, Appl
c 276	17.8	0.8	25	0.8	25	1	US-60-427-808-666385	Sequence 666385,	c 349	17.2	0.8	22	1	US-07-954-185A-44	Sequence 44, Appl
c 277	17.8	0.8	25	0.8	25	1	US-60-427-808-666385	Sequence 666385,	c 350	17.2	0.8	22	1	US-07-954-185A-110	Sequence 110, App
c 278	17.6	0.8	24	0.8	24	1	US-10-276-358-36	Sequence 36, Appl	c 351	17.2	0.8	22	1	US-07-954-185A-117	Sequence 117, App
c 279	17.6	0.8	24	0.8	24	1	US-10-303-778-4642	Sequence 4642, Ap	c 352	17.2	0.8	22	1	US-09-239-058-36	Sequence 36, Appl
c 280	17.6	0.8	24	0.8	24	1	US-10-310-188-9683	Sequence 9683, Ap	c 353	17.2	0.8	22	1	US-09-239-058-44	Sequence 44, Appl
c 281	17.6	0.8	25	0.8	25	1	US-09-396-196F-48576	Sequence 48576, A	c 354	17.2	0.8	22	1	US-09-239-058-110	Sequence 110, App
c 282	17.6	0.8	25	0.8	25	1	US-09-396-196G-48576	Sequence 48576, A	c 355	17.2	0.8	22	1	US-09-239-058-117	Sequence 117, App
c 283	17.6	0.8	25	0.8	25	1	US-09-954-427-96936	Sequence 96936, A	c 356	17.2	0.8	22	1	US-10-409-107A-2	Sequence 2, Appli
c 284	17.6	0.8	25	0.8	25	1	US-09-954-427-96975	Sequence 96975, A	c 357	17.2	0.8	23	1	US-10-310-188-47275	Sequence 47275, A
c 285	17.6	0.8	25	0.8	25	1	US-09-954-427-182296	Sequence 182296,	c 358	17.2	0.8	24	1	PCT-US03-201675-29	Sequence 29, Appl
c 286	17.6	0.8	25	0.8	25	1	US-09-954-427-190965	Sequence 190965,	c 359	17.2	0.8	24	1	PCT-US03-201675-29	Sequence 29, Appl
c 287	17.6	0.8	25	0.8	25	1	US-09-954-427-342285	Sequence 342285,	c 360	17.2	0.8	24	1	US-07-954-185A-35	Sequence 35, Appl
c 288	17.6	0.8	25	0.8	25	1	US-09-954-427A-326494	Sequence 326494,	c 361	17.2	0.8	24	1	US-07-954-185A-43	Sequence 43, Appl
c 289	17.6	0.8	25	0.8	25	1	US-09-956-584-58890	Sequence 58890, A	c 362	17.2	0.8	24	1	US-07-954-185A-109	Sequence 109, App
c 290	17.6	0.8	25	0.8	25	1	US-09-956-584-58890	Sequence 58890, A	c 363	17.2	0.8	24	1	US-07-954-185A-116	Sequence 116, App
c 291	17.6	0.8	25	0.8	25	1	US-09-956-584-73862	Sequence 73862, A	c 364	17.2	0.8	24	1	US-08-529-190A-4	Sequence 4, Appli
c 292	17.6	0.8	25	0.8	25	1	US-09-956-584-145763	Sequence 145763,	c 365	17.2	0.8	24	1	US-08-529-190A-5	Sequence 5, Appli
c 293	17.6	0.8	25	0.8	25	1	US-09-956-584-154843	Sequence 154843,	c 366	17.2	0.8	24	1	US-08-733-369A-60	Sequence 60, Appl
c 294	17.6	0.8	25	0.8	25	1	US-09-956-584-434786	Sequence 434786,	c 367	17.2	0.8	24	1	US-08-733-369A-61	Sequence 61, Appl
c 295	17.6	0.8	25	0.8	25	1	US-10-355-577-480923	Sequence 480923,	c 368	17.2	0.8	24	1	US-08-970-900-55	Sequence 55, Appl
c 296	17.6	0.8	25	0.8	25	1	US-10-355-577-615992	Sequence 615992,	c 369	17.2	0.8	24	1	US-08-970-900-56	Sequence 56, Appl
c 297	17.6	0.8	25	0.8	25	1	US-10-355-577-622693	Sequence 622693,	c 370	17.2	0.8	24	1	US-09-032-397C-33	Sequence 33, Appl
c 298	17.6	0.8	25	0.8	25	1	US-10-355-577-622693	Sequence 622693,	c 371	17.2	0.8	24	1	US-09-032-397D-33	Sequence 33, Appl
c 299	17.6	0.8	25	0.8	25	1	US-10-355-577-717525	Sequence 717525,	c 372	17.2	0.8	24	1	US-09-239-058-35	Sequence 35, Appl
c 300	17.6	0.8	25	0.8	25	1	US-10-719-900-101762	Sequence 101762,	c 373	17.2	0.8	24	1	US-09-239-058-109	Sequence 109, App
c 301	17.6	0.8	25	0.8	25	1	US-10-719-900-136510	Sequence 136510,	c 374	17.2	0.8	24	1	US-09-239-058-116	Sequence 116, App
c 302	17.6	0.8	25	0.8	25	1	US-10-719-900-294316	Sequence 294316,	c 375	17.2	0.8	24	1	US-09-352-716A-33	Sequence 33, Appl
c 303	17.6	0.8	25	0.8	25	1	US-10-719-900-389011	Sequence 389011,	c 376	17.2	0.8	24	1	US-09-352-716B-33	Sequence 33, Appl
c 304	17.6	0.8	25	0.8	25	1	US-10-719-900-389012	Sequence 389012,	c 377	17.2	0.8	24	1	US-09-361-503-29	Sequence 29, Appl
c 305	17.6	0.8	25	0.8	25	1	US-10-719-900-696649	Sequence 696649,	c 378	17.2	0.8	24	1	US-09-361-503-32	Sequence 32, Appl
c 306	17.6	0.8	25	0.8	25	1	US-10-719-900-698151	Sequence 698151,	c 379	17.2	0.8	24	1	US-09-361-503-34	Sequence 34, Appl
c 307	17.6	0.8	25	0.8	25	1	US-10-719-956-440821	Sequence 440821,	c 380	17.2	0.8	24	1	US-09-459-824-3	Sequence 3, Appli
c 308	17.6	0.8	25	0.8	25	1	US-10-719-956-219688	Sequence 219688,	c 381	17.2	0.8	24	1	US-09-860-7843-142	Sequence 142, App
c 309	17.6	0.8	25	0.8	25	1	US-60-233-166-96936	Sequence 328544,	c 382	17.2	0.8	24	1	US-10-038-335-4	Sequence 4, Appli
c 310	17.6	0.8	25	0.8	25	1	US-60-233-166-96975	Sequence 96975, A	c 383	17.2	0.8	24	1	US-10-118-854-29	Sequence 29, Appl
c 311	17.6	0.8	25	0.8	25	1	US-60-233-166-182296	Sequence 182296,	c 384	17.2	0.8	24	1	US-10-232-927A-29	Sequence 29, Appl
c 312	17.6	0.8	25	0.8	25	1	US-60-233-166-190865	Sequence 190865,	c 385	17.2	0.8	24	1	US-10-232-927A-32	Sequence 32, Appl
c 313	17.6	0.8	25	0.8	25	1	US-60-233-166-342285	Sequence 342285,	c 386	17.2	0.8	24	1	US-10-232-927A-34	Sequence 34, Appl
c 314	17.6	0.8	25	0.8	25	1	US-60-234-017-34944	Sequence 34944, A	c 387	17.2	0.8	24	1	US-10-232-927B-29	Sequence 29, Appl
c 315	17.6	0.8	25	0.8	25	1	US-60-234-017-69206	Sequence 69206, A	c 388	17.2	0.8	24	1	US-10-232-927B-32	Sequence 32, Appl
c 316	17.6	0.8	25	0.8	25	1	US-60-234-017-169866	Sequence 169866,	c 389	17.2	0.8	24	1	US-10-232-927B-34	Sequence 34, Appl
c 317	17.6	0.8	25	0.8	25	1	US-60-234-017-181454	Sequence 181454,	c 390	17.2	0.8	24	1	US-10-607-455-29	Sequence 29, Appl
c 318	17.6	0.8	25	0.8	25	1	US-60-234-017-445508	Sequence 445508,	c 391	17.2	0.8	24	1	US-10-607-455-29	Sequence 29, Appl
c 319	17.6	0.8	25	0.8	25	1	US-60-353-987-480923	Sequence 480923,	c 392	17	0.8	18	1	US-10-702-817-152	Sequence 152, App
c 320	17.6	0.8	25	0.8	25	1	US-60-353-987-615992	Sequence 615992,	c 393	17	0.8	18	1	US-09-449-427-355	Sequence 355, App
c 321	17.6	0.8	25	0.8	25	1	US-60-353-987-622693	Sequence 622693,	c 394	16.8	0.8	21	1	US-09-449-427A-355	Sequence 355, App
c 322	17.6	0.8	25	0.8	25	1	US-60-353-987-627250	Sequence 627250,	c 395	16.8	0.8	21	1	US-10-303-778-13082	Sequence 13082, A
c 323	17.6	0.8	25	0.8	25	1	US-60-353-987-717525	Sequence 717525,	c 396	16.8	0.8	22	1	PCT-US02-25943-43471	Sequence 43471, A
c 324	17.6	0.8	25	0.8	25	1	US-60-427-808-101762	Sequence 101762,	c 397	16.8	0.8	24	1		
c 325	17.6	0.8	25	0.8	25	1	US-60-427-808-136510	Sequence 136510,	c 398	16.8	0.8	24	1		

399	16.8	0.8	0.8	24	1	US-10-227-565-43471	Sequence 43471, A	C 472	15.4	0.7	20	1	US-09-612-558C-44	Sequence 44, Appl
400	16.8	0.8	0.8	24	1	US-10-367-832A-43471	Sequence 43471, A	C 473	15.4	0.7	20	1	US-10-266-090-43965	Sequence 43965, A
C 401	16.4	0.8	0.8	18	1	US-09-695-451-151	Sequence 151, App	C 474	15.4	0.7	21	1	US-10-640-274-4	Sequence 4, Appl
C 402	16.4	0.8	0.8	18	1	US-10-702-817-151	Sequence 151, App	C 475	15.4	0.7	21	1	US-10-751-736-49989	Sequence 49989, A
C 403	16.2	0.7	0.7	21	1	US-10-303-778-6385	Sequence 6385, App	C 476	15.4	0.7	21	1	US-10-751-736-50478	Sequence 50478, A
C 404	16.2	0.7	0.7	21	1	US-10-349-780A-30	Sequence 30, Appl	C 477	15.2	0.7	20	1	PCT-US03-20865-2106	Sequence 2106, App
C 405	16.2	0.7	0.7	21	1	US-10-751-736-17819	Sequence 17819, A	C 478	15.2	0.7	20	1	PCT-US03-20865-2536	Sequence 2536, App
C 406	16.2	0.7	0.7	21	1	US-10-751-736-27496	Sequence 27496, A	C 479	15.2	0.7	20	1	PCT-US03-20865-2538	Sequence 2538, App
C 407	16.2	0.7	0.7	21	1	US-60-216-745-5635	Sequence 5635, App	C 480	15.2	0.7	20	1	PCT-US03-25389-791	Sequence 791, App
C 408	16.2	0.7	0.7	23	1	US-10-310-188-21667	Sequence 21667, App	C 481	15.2	0.7	20	1	PCT-US03-25389-1284	Sequence 1284, App
C 409	16.2	0.7	0.7	23	1	US-10-310-188-22799	Sequence 22799, A	C 482	15.2	0.7	20	1	PCT-US03-25389-1375	Sequence 1375, App
C 410	16.2	0.7	0.7	23	1	US-10-310-188-47124	Sequence 47124, A	C 483	15.2	0.7	20	1	US-09-514-000-11460	Sequence 11460, A
C 411	16	0.7	0.7	18	1	US-09-695-451-153	Sequence 153, App	C 484	15.2	0.7	20	1	US-09-719-737-4	Sequence 4, Appl
C 412	16	0.7	0.7	18	1	US-10-702-817-153	Sequence 153, App	C 485	15.2	0.7	20	1	US-10-300-263-69	Sequence 69, Appl
C 413	15.8	0.7	0.7	19	1	US-10-266-090-40186	Sequence 40186, A	C 486	15.2	0.7	20	1	US-10-300-263-135	Sequence 135, App
C 414	15.8	0.7	0.7	20	1	US-09-695-451-199	Sequence 199, App	C 487	15.2	0.7	20	1	US-10-310-188-64056	Sequence 64056, A
C 415	15.8	0.7	0.7	20	1	US-09-695-451-201	Sequence 201, App	C 488	15.2	0.7	20	1	US-10-467-665-10	Sequence 10, Appl
C 416	15.8	0.7	0.7	20	1	US-10-266-090-49719	Sequence 49719, A	C 489	15.2	0.7	20	1	US-10-482-949-4	Sequence 4, Appl
C 417	15.8	0.7	0.7	20	1	US-10-310-188-44817	Sequence 44817, A	C 490	15.2	0.7	21	1	PCT-US01-44838-1261	Sequence 1261, App
C 418	15.8	0.7	0.7	20	1	US-10-313-211-72	Sequence 72, Appl	C 491	15.2	0.7	21	1	US-09-724-389-1261	Sequence 1261, App
C 419	15.8	0.7	0.7	20	1	US-10-702-817-199	Sequence 199, App	C 492	15.2	0.7	21	1	US-10-310-188-2897	Sequence 2897, App
C 420	15.8	0.7	0.7	20	1	US-10-702-817-201	Sequence 201, App	C 493	15.2	0.7	21	1	US-10-310-188-47281	Sequence 47281, A
C 421	15.8	0.7	0.7	21	1	US-09-715-849-573	Sequence 573, App	C 494	15.2	0.7	21	1	US-10-310-188-55026	Sequence 55026, A
C 422	15.8	0.7	0.7	22	1	US-10-736-227-8	Sequence 8, Appl	C 495	15.2	0.7	21	1	US-10-310-188-67517	Sequence 67517, A
C 423	15.6	0.7	0.7	22	1	US-08-472-801-1491	Sequence 1491, App	C 496	15.2	0.7	21	1	US-10-310-188-78255	Sequence 78255, A
C 424	15.6	0.7	0.7	22	1	US-08-472-801-1736	Sequence 1736, App	C 497	15.2	0.7	21	1	US-10-349-143-8726	Sequence 8726, App
C 425	15.6	0.7	0.7	22	1	US-08-668-235-1491	Sequence 1491, App	C 498	15.2	0.7	21	1	US-10-671-740-175	Sequence 175, App
C 426	15.6	0.7	0.7	22	1	US-08-668-235-1736	Sequence 1736, App	C 499	15.2	0.7	21	1	US-10-751-736-27499	Sequence 27499, A
C 427	15.6	0.7	0.7	22	1	US-09-922-449B-6	Sequence 6, Appl	C 500	15.2	0.7	21	1	US-10-751-736-34923	Sequence 34923, A
C 428	15.6	0.7	0.7	22	1	US-10-160-499-1491	Sequence 1491, App	C 501	15.2	0.7	21	1	US-60-350-061-389	Sequence 389, App
C 429	15.6	0.7	0.7	22	1	US-10-160-499-1736	Sequence 1736, App	C 502	15	0.7	18	1	US-09-155-885A-274	Sequence 274, App
C 430	15.6	0.7	0.7	22	1	US-10-310-188-78629	Sequence 78629, A	C 503	15	0.7	18	1	US-10-453-792-274	Sequence 274, App
C 431	15.4	0.7	0.7	17	1	US-09-531-025A-213	Sequence 213, App	C 504	15	0.7	18	1	US-10-606-879-274	Sequence 274, App
C 432	15.4	0.7	0.7	17	1	US-09-636-385-213	Sequence 213, App	C 505	15	0.7	18	1	US-10-702-817-150	Sequence 150, App
C 433	15.4	0.7	0.7	17	1	US-09-685-664B-3066	Sequence 3066, App	C 506	15	0.7	19	1	PCT-US99-18101-61	Sequence 61, Appl
C 434	15.4	0.7	0.7	17	1	US-09-696-347-213	Sequence 213, App	C 507	15	0.7	19	1	US-09-132-023-61	Sequence 61, Appl
C 435	15.4	0.7	0.7	17	1	US-09-708-690-3066	Sequence 3066, App	C 508	15	0.7	19	1	US-10-266-090-39560	Sequence 39560, A
C 436	15.4	0.7	0.7	17	1	US-09-870-161-3066	Sequence 3066, App	C 509	15	0.7	19	1	US-10-310-188-57220	Sequence 57220, A
C 437	15.4	0.7	0.7	17	1	US-09-877-478-213	Sequence 213, App	C 510	15	0.7	19	1	US-09-155-885A-135	Sequence 135, App
C 438	15.4	0.7	0.7	17	1	US-10-138-674-3066	Sequence 3066, App	C 511	15	0.7	20	1	US-09-612-558A-42	Sequence 42, Appl
C 439	15.4	0.7	0.7	17	1	US-10-138-674-3066	Sequence 3066, App	C 512	15	0.7	20	1	US-09-612-558B-42	Sequence 42, Appl
C 440	15.4	0.7	0.7	17	1	US-10-287-949A-3066	Sequence 3066, App	C 513	15	0.7	20	1	US-09-612-558C-42	Sequence 42, Appl
C 441	15.4	0.7	0.7	17	1	US-10-342-902-213	Sequence 213, App	C 514	15	0.7	20	1	US-09-718-095-37	Sequence 37, Appl
C 442	15.4	0.7	0.7	17	1	US-10-669-841-213	Sequence 213, App	C 515	15	0.7	20	1	US-10-453-792-135	Sequence 135, App
C 443	15.4	0.7	0.7	18	1	US-08-485-943A-45	Sequence 45, Appl	C 516	15	0.7	20	1	US-08-472-802A-36	Sequence 36, Appl
C 444	15.4	0.7	0.7	18	1	US-08-488-215A-45	Sequence 45, Appl	C 517	15	0.7	20	1	US-08-472-802B-36	Sequence 36, Appl
C 445	15.4	0.7	0.7	18	1	US-08-488-224A-45	Sequence 45, Appl	C 518	14.8	0.7	18	1	US-08-521-634-51	Sequence 51, Appl
C 446	15.4	0.7	0.7	18	1	US-09-347-068-45	Sequence 45, Appl	C 519	14.8	0.7	18	1	US-08-608-862-6	Sequence 6, Appl
C 447	15.4	0.7	0.7	18	1	US-09-635-864-45	Sequence 45, Appl	C 520	14.8	0.7	18	1	US-09-703-708-14260	Sequence 14260, A
C 448	15.4	0.7	0.7	18	1	US-09-736-084-45	Sequence 45, Appl	C 521	14.8	0.7	18	1	US-10-310-188-9848	Sequence 9848, App
C 449	15.4	0.7	0.7	18	1	US-10-303-778-7620	Sequence 7620, App	C 522	14.8	0.7	18	1	US-10-310-188-82678	Sequence 82678, A
C 450	15.4	0.7	0.7	18	1	US-10-303-778-7620	Sequence 7620, App	C 523	14.8	0.7	18	1	US-10-359-935-35	Sequence 36, Appl
C 451	15.4	0.7	0.7	18	1	US-09-453-607A-3264	Sequence 3264, App	C 524	14.8	0.7	18	1	US-60-164-320-14260	Sequence 14260, A
C 452	15.4	0.7	0.7	19	1	US-09-453-607A-3264	Sequence 3264, App	C 525	14.8	0.7	18	1	US-60-183-791-14260	Sequence 14260, A
C 453	15.4	0.7	0.7	19	1	US-09-453-607C-3264	Sequence 3264, App	C 526	14.8	0.7	18	1	US-10-266-090-38876	Sequence 38876, A
C 454	15.4	0.7	0.7	19	1	US-10-244-647-572	Sequence 572, App	C 527	14.8	0.7	18	1	US-10-293-338-5899	Sequence 5899, App
C 455	15.4	0.7	0.7	19	1	US-10-244-647-572	Sequence 572, App	C 528	14.8	0.7	18	1	US-10-310-188-72776	Sequence 72776, A
C 456	15.4	0.7	0.7	19	1	US-10-244-647-642	Sequence 642, App	C 529	14.8	0.7	19	1	US-10-310-188-72843	Sequence 72843, A
C 457	15.4	0.7	0.7	19	1	US-10-244-647-645	Sequence 645, App	C 530	14.8	0.7	19	1	PCT-US01-05872A-308	Sequence 308, App
C 458	15.4	0.7	0.7	19	1	US-10-244-647-1218	Sequence 1218, App	C 531	14.8	0.7	20	1	PCT-US02-10529-143	Sequence 143, App
C 459	15.4	0.7	0.7	19	1	US-10-244-647-1288	Sequence 1288, App	C 532	14.8	0.7	20	1	PCT-US03-25389-718	Sequence 718, App
C 460	15.4	0.7	0.7	19	1	US-10-244-647-1288	Sequence 1288, App	C 533	14.8	0.7	20	1	PCT-US99-16337-62	Sequence 62, Appl
C 461	15.4	0.7	0.7	19	1	US-10-244-647-1291	Sequence 1291, App	C 534	14.8	0.7	20	1	US-09-122-847-62	Sequence 62, Appl
C 462	15.4	0.7	0.7	20	1	US-10-310-188-26651	Sequence 26651, A	C 535	14.8	0.7	20	1	US-09-514-000-14226	Sequence 14226, A
C 463	15.4	0.7	0.7	20	1	US-07-954-185A-37	Sequence 37, Appl	C 536	14.8	0.7	20	1	US-09-703-708-17107	Sequence 17107, A
C 464	15.4	0.7	0.7	20	1	US-07-954-185A-45	Sequence 45, Appl	C 537	14.8	0.7	20	1	US-09-735-995-62	Sequence 62, Appl
C 465	15.4	0.7	0.7	20	1	US-07-954-185A-114	Sequence 114, App	C 538	14.8	0.7	20	1	US-09-828-344-143	Sequence 143, App
C 466	15.4	0.7	0.7	20	1	US-07-954-185A-118	Sequence 118, App	C 539	14.8	0.7	20	1	US-09-998-027-120	Sequence 120, App
C 467	15.4	0.7	0.7	20	1	US-09-299-058-37	Sequence 37, Appl	C 540	14.8	0.7	20	1		
C 468	15.4	0.7	0.7	20	1	US-09-299-058-45	Sequence 45, Appl	C 541	14.8	0.7	20	1		
C 469	15.4	0.7	0.7	20	1	US-09-299-058-114	Sequence 114, App	C 542	14.8	0.7	20	1		
C 470	15.4	0.7	0.7	20	1	US-09-612-558A-44	Sequence 44, Appl	C 543	14.8	0.7	20	1		
C 471	15.4	0.7	0.7	20	1	US-09-612-558B-44	Sequence 44, Appl	C 544	14.8	0.7	20	1		

545	14.8	0.7	20	1	US-10-165-099-120	Sequence 120, App	C 618	14.4	0.7	18	1	US-09-299-058-38	Sequence 38, Appl
546	14.8	0.7	20	1	US-10-266-090-42027	Sequence 42027, A	C 619	14.4	0.7	18	1	US-09-299-058-11	Sequence 54, Appl
547	14.8	0.7	20	1	US-10-266-090-45656	Sequence 45656, A	C 620	14.4	0.7	18	1	US-09-299-058-111	Sequence 111, App
548	14.8	0.7	20	1	US-10-293-338-5014	Sequence 5014, App	C 621	14.4	0.7	18	1	US-09-860-784A-145	Sequence 145, App
549	14.8	0.7	20	1	US-10-293-998-11	Sequence 11, Appl	C 622	14.4	0.7	18	1	US-09-947-659-9	Sequence 9, Appl
550	14.8	0.7	20	1	US-10-293-998-48	Sequence 48, Appl	C 623	14.4	0.7	18	1	US-09-947-659A-14	Sequence 14, Appl
551	14.8	0.7	20	1	US-10-303-778-11819	Sequence 11819, A	C 624	14.4	0.7	18	1	US-10-293-338-7219	Sequence 7219, App
552	14.8	0.7	20	1	US-10-310-188-21658	Sequence 21658, A	C 625	14.4	0.7	18	1	US-10-303-778-5003	Sequence 5003, App
553	14.8	0.7	20	1	US-10-310-188-36415	Sequence 36415, A	C 626	14.4	0.7	18	1	US-10-310-188-10531	Sequence 10531, A
554	14.8	0.7	20	1	US-10-696-708-62	Sequence 62, Appl	C 627	14.4	0.7	18	1	US-10-310-188-12096	Sequence 12096, A
555	14.8	0.7	20	1	US-60-164-320-17107	Sequence 17107, A	C 628	14.4	0.7	18	1	US-10-359-935-35	Sequence 35, Appl
556	14.8	0.7	20	1	US-60-183-791-17107	Sequence 17107, A	C 629	14.4	0.7	18	1	US-60-216-745-5704	Sequence 5704, App
557	14.8	0.7	20	1	US-60-216-745-5749	Sequence 5749, App	C 630	14.4	0.7	18	1	US-09-453-607A-3263	Sequence 3263, App
558	14.8	0.7	20	1	US-60-492-056-513	Sequence 513, App	C 631	14.4	0.7	19	1	US-09-453-607C-3263	Sequence 3263, App
559	14.8	0.7	21	1	PCT-US00-28518-24	Sequence 24, Appl	C 632	14.4	0.7	19	1	US-09-696-791-3263	Sequence 10, Appl
560	14.8	0.7	21	1	US-07-945-289A-7	Sequence 7, Appl	C 633	14.4	0.7	19	1	US-09-702-690-10	Sequence 606, App
561	14.8	0.7	21	1	US-08-452-841B-7	Sequence 7, Appl	C 634	14.4	0.7	19	1	US-10-244-647-644	Sequence 644, App
562	14.8	0.7	21	1	US-08-453-085-7	Sequence 7, Appl	C 635	14.4	0.7	19	1	US-10-244-647-1252	Sequence 1252, App
563	14.8	0.7	21	1	US-08-729-043-2	Sequence 2, Appl	C 636	14.4	0.7	19	1	US-10-244-647-1252	Sequence 1252, App
564	14.8	0.7	21	1	US-08-946-021-24	Sequence 24, Appl	C 637	14.4	0.7	19	1	US-10-303-778-64	Sequence 64, Appl
565	14.8	0.7	21	1	US-09-657-472-1936	Sequence 1936, App	C 638	14.4	0.7	19	1	US-10-310-188-2600	Sequence 2600, App
566	14.8	0.7	21	1	US-09-957-837A-24	Sequence 24, Appl	C 639	14.4	0.7	19	1	US-10-310-188-78648	Sequence 78648, A
567	14.8	0.7	21	1	US-10-291-046-6	Sequence 6, Appl	C 640	14.4	0.7	19	1	PCT-US00-06745-137	Sequence 137, App
568	14.8	0.7	21	1	US-10-303-778-14487	Sequence 14487, A	C 641	14.4	0.7	20	1	PCT-US01-05484A-54	Sequence 54, Appl
569	14.8	0.7	21	1	US-10-303-778-14711	Sequence 14711, A	C 642	14.4	0.7	20	1	US-09-230-521A-134	Sequence 134, App
570	14.8	0.7	21	1	US-10-310-188-26585	Sequence 26585, A	C 643	14.4	0.7	20	1	US-09-230-521A-134	Sequence 134, App
571	14.8	0.7	21	1	US-10-310-188-27432	Sequence 27432, A	C 644	14.4	0.7	20	1	US-09-297-017A-10	Sequence 10, Appl
572	14.8	0.7	21	1	US-10-310-188-34870	Sequence 34870, A	C 645	14.4	0.7	20	1	US-09-451-673-134	Sequence 134, App
573	14.8	0.7	21	1	US-10-751-736-23430	Sequence 23430, A	C 646	14.4	0.7	20	1	US-09-513-729-54	Sequence 54, Appl
574	14.8	0.7	21	1	US-60-216-745-10265	Sequence 10265, A	C 647	14.4	0.7	20	1	US-09-703-708-13380	Sequence 13380, A
575	14.6	0.7	15	1	US-09-945-505-9	Sequence 9, Appl	C 648	14.4	0.7	20	1	US-10-130-915-55	Sequence 55, Appl
576	14.6	0.7	15	1	US-09-945-505-21	Sequence 21, Appl	C 649	14.4	0.7	20	1	US-10-266-090-46007	Sequence 46007, A
577	14.6	0.7	15	1	US-09-945-505-22	Sequence 22, Appl	C 650	14.4	0.7	20	1	US-10-303-778-4628	Sequence 4628, App
578	14.6	0.7	15	1	US-09-945-505A-9	Sequence 9, Appl	C 651	14.4	0.7	20	1	US-10-310-188-9668	Sequence 9668, App
579	14.6	0.7	15	1	US-09-945-505A-21	Sequence 21, Appl	C 652	14.4	0.7	20	1	US-10-447-136-134	Sequence 134, App
580	14.6	0.7	15	1	US-09-945-505A-22	Sequence 22, Appl	C 653	14.4	0.7	20	1	US-10-452-510-137	Sequence 137, App
581	14.4	0.7	16	1	US-09-945-505A-22	Sequence 39, Appl	C 654	14.4	0.7	20	1	US-10-617-334-137	Sequence 137, App
582	14.4	0.7	16	1	US-07-954-185A-39	Sequence 55, Appl	C 655	14.4	0.7	20	1	US-10-744-465-137	Sequence 137, App
583	14.4	0.7	16	1	US-07-954-185A-55	Sequence 112, App	C 656	14.4	0.7	20	1	US-60-164-320-13380	Sequence 13380, A
584	14.4	0.7	16	1	US-07-954-185A-112	Sequence 39, Appl	C 657	14.4	0.7	20	1	US-60-183-791-13380	Sequence 13380, A
585	14.4	0.7	16	1	US-09-299-058-39	Sequence 112, App	C 658	14.2	0.7	19	1	PCT-US00-19644A-276	Sequence 276, App
586	14.4	0.7	16	1	US-09-299-058-55	Sequence 55, Appl	C 659	14.2	0.7	19	1	PCT-US03-03473-267	Sequence 267, App
587	14.4	0.7	16	1	US-09-299-058-112	Sequence 39, Appl	C 660	14.2	0.7	19	1	PCT-US03-03473-578	Sequence 578, App
588	14.4	0.7	16	1	US-09-860-784A-144	Sequence 144, App	C 661	14.2	0.7	19	1	PCT-US03-04402-81	Sequence 81, Appl
589	14.4	0.7	16	1	US-10-707-147-2165	Sequence 2165, App	C 662	14.2	0.7	19	1	PCT-US03-04402-229	Sequence 229, App
590	14.4	0.7	17	1	PCT-US02-29102-30	Sequence 30, Appl	C 663	14.2	0.7	19	1	US-09-453-607A-3527	Sequence 3527, App
591	14.4	0.7	17	1	PCT-US02-37764-30	Sequence 30, Appl	C 664	14.2	0.7	19	1	US-09-453-607C-3527	Sequence 3527, App
592	14.4	0.7	17	1	PCT-US02-37764-30	Sequence 30, Appl	C 665	14.2	0.7	19	1	US-09-696-791-3527	Sequence 3527, App
593	14.4	0.7	17	1	US-09-531-025A-212	Sequence 212, App	C 666	14.2	0.7	19	1	US-10-266-090-45369	Sequence 45369, A
594	14.4	0.7	17	1	US-09-531-025A-214	Sequence 214, App	C 667	14.2	0.7	19	1	US-10-293-338-2073	Sequence 2073, App
595	14.4	0.7	17	1	US-09-636-385-212	Sequence 212, App	C 668	14.2	0.7	19	1	US-10-303-778-14330	Sequence 14330, A
596	14.4	0.7	17	1	US-09-636-385-214	Sequence 214, App	C 669	14.2	0.7	19	1	US-10-310-188-7395	Sequence 7395, App
597	14.4	0.7	17	1	US-09-696-347-212	Sequence 214, App	C 670	14.2	0.7	19	1	US-10-310-188-9730	Sequence 9730, App
598	14.4	0.7	17	1	US-09-696-347-214	Sequence 214, App	C 671	14.2	0.7	19	1	US-10-310-188-9730	Sequence 9730, App
599	14.4	0.7	17	1	US-09-780-533A-810	Sequence 810, App	C 672	14.2	0.7	19	1	US-10-310-188-10615	Sequence 10615, A
600	14.4	0.7	17	1	US-09-877-478-212	Sequence 212, App	C 673	14.2	0.7	19	1	US-10-310-188-26459	Sequence 26459, A
601	14.4	0.7	17	1	US-09-877-478-214	Sequence 214, App	C 674	14.2	0.7	19	1	US-10-310-188-39671	Sequence 39671, A
602	14.4	0.7	17	1	US-10-060-830-204	Sequence 204, App	C 675	14.2	0.7	19	1	US-10-310-188-41853	Sequence 41853, A
603	14.4	0.7	17	1	US-10-060-830-205	Sequence 205, App	C 676	14.2	0.7	19	1	US-10-310-188-42107	Sequence 42107, A
604	14.4	0.7	17	1	US-10-302-817A-51	Sequence 51, Appl	C 677	14.2	0.7	20	1	PCT-US01-28082-75	Sequence 75, Appl
605	14.4	0.7	17	1	US-10-303-109A-30	Sequence 30, Appl	C 678	14.2	0.7	20	1	PCT-US01-30549-69	Sequence 69, Appl
606	14.4	0.7	17	1	US-10-310-188-75196	Sequence 75196, A	C 679	14.2	0.7	20	1	PCT-US02-22656-42	Sequence 42, Appl
607	14.4	0.7	17	1	US-10-342-902-212	Sequence 212, App	C 680	14.2	0.7	20	1	PCT-US02-35719-14	Sequence 14, Appl
608	14.4	0.7	17	1	US-10-342-902-214	Sequence 214, App	C 681	14.2	0.7	20	1	PCT-US03-20865-1671	Sequence 1671, App
609	14.4	0.7	17	1	US-10-669-841-212	Sequence 214, App	C 682	14.2	0.7	20	1	PCT-US03-20865-2554	Sequence 2554, App
610	14.4	0.7	17	1	US-10-669-841-214	Sequence 214, App	C 683	14.2	0.7	20	1	PCT-US03-25389-558	Sequence 558, App
611	14.4	0.7	17	1	US-60-325-062-204	Sequence 204, App	C 684	14.2	0.7	20	1	PCT-US99-06317-41	Sequence 41, Appl
612	14.4	0.7	17	1	US-60-325-062-205	Sequence 205, App	C 685	14.2	0.7	20	1	US-07-726-831-12	Sequence 12, Appl
613	14.4	0.7	18	1	US-07-954-185A-38	Sequence 38, Appl	C 686	14.2	0.7	20	1	US-09-548-954A-834	Sequence 834, App
614	14.4	0.7	18	1	US-07-954-185A-54	Sequence 54, Appl	C 687	14.2	0.7	20	1	US-09-548-954A-834	Sequence 834, App
615	14.4	0.7	18	1	US-07-954-185A-111	Sequence 111, App	C 688	14.2	0.7	20	1	US-09-589-606-31	Sequence 31, Appl
616	14.4	0.7	18	1	US-08-472-802A-35	Sequence 35, Appl	C 689	14.2	0.7	20	1	US-09-676-436-69	Sequence 69, Appl
617	14.4	0.7	18	1	US-08-472-802B-35	Sequence 50, Appl	C 690	14.2	0.7	20	1	US-09-700-354A-31	Sequence 31, Appl

691	14.2	0.7	20	1	US-09-703-708-11958	Sequence 11958, A	C 764	13.8	0.6	17	1	US-10-310-188-72805	Sequence 72805, A
692	14.2	0.7	20	1	US-09-703-708-14782	Sequence 14782, A	C 765	13.8	0.6	17	1	US-10-310-188-72831	Sequence 72831, A
693	14.2	0.7	20	1	US-09-712-813-31	Sequence 31, Appl	C 766	13.8	0.6	17	1	US-10-316-954-1929	Sequence 1929, Ap
694	14.2	0.7	20	1	US-09-720-435-61	Sequence 61, Appl	C 767	13.8	0.6	17	1	US-10-430-882-328	Sequence 328, App
695	14.2	0.7	20	1	US-09-720-435A-61	Sequence 61, Appl	C 768	13.8	0.6	17	1	US-10-430-882-328	Sequence 328, App
696	14.2	0.7	20	1	US-09-752-639-31	Sequence 31, Appl	C 769	13.8	0.6	17	1	US-10-471-271-1547	Sequence 1547, Ap
697	14.2	0.7	20	1	US-09-825-489-4	Sequence 4, Appl	C 770	13.8	0.6	17	1	US-10-471-271-1547	Sequence 1547, Ap
698	14.2	0.7	20	1	US-09-912-724-42	Sequence 42, Appl	C 771	13.8	0.6	17	1	US-10-669-841-3859	Sequence 3859, Ap
699	14.2	0.7	20	1	US-09-984-198-31	Sequence 31, Appl	C 772	13.8	0.6	17	1	US-10-707-147-5148	Sequence 5148, Ap
700	14.2	0.7	20	1	US-10-029-517-27	Sequence 27, Appl	C 773	13.8	0.6	17	1	US-10-723-361-971	Sequence 971, App
701	14.2	0.7	20	1	US-10-266-090-41238	Sequence 41238, A	C 774	13.8	0.6	17	1	US-10-723-361-972	Sequence 972, App
702	14.2	0.7	20	1	US-10-266-090-43048	Sequence 43048, A	C 775	13.8	0.6	17	1	US-10-724-270-2031	Sequence 2031, App
703	14.2	0.7	20	1	US-10-266-090-43048	Sequence 43048, A	C 776	13.8	0.6	17	1	US-10-724-270-2031	Sequence 2031, App
704	14.2	0.7	20	1	US-10-266-090-43821	Sequence 43821, A	C 777	13.8	0.6	18	1	PCT-US03-37416-20	Sequence 20, Appl
705	14.2	0.7	20	1	US-10-266-090-47293	Sequence 47293, A	C 778	13.8	0.6	18	1	PCT-US96-00362A-67	Sequence 67, Appl
706	14.2	0.7	20	1	US-10-289-762-2388	Sequence 2388, Ap	C 779	13.8	0.6	18	1	US-07-999-706-5	Sequence 5, Appl
707	14.2	0.7	20	1	US-10-289-762-4651	Sequence 4651, Ap	C 780	13.8	0.6	18	1	US-08-170-096-5	Sequence 5, Appl
708	14.2	0.7	20	1	US-10-289-762-5845	Sequence 5845, Ap	C 781	13.8	0.6	18	1	US-09-342-375-67	Sequence 67, Appl
709	14.2	0.7	20	1	US-10-289-845-14	Sequence 14, Appl	C 782	13.8	0.6	18	1	US-09-668-558A-94	Sequence 94, Appl
710	14.2	0.7	20	1	US-10-293-338-5780	Sequence 5780, Ap	C 783	13.8	0.6	18	1	US-09-668-558A-94	Sequence 94, Appl
711	14.2	0.7	20	1	US-10-303-778-1350	Sequence 1350, Ap	C 784	13.8	0.6	18	1	US-09-703-708-14873	Sequence 14873, A
712	14.2	0.7	20	1	US-10-310-188-48859	Sequence 48859, A	C 785	13.8	0.6	18	1	US-09-969-373-4117	Sequence 4117, Ap
713	14.2	0.7	20	1	US-10-310-188-59951	Sequence 59951, A	C 786	13.8	0.6	18	1	US-10-266-090-50685	Sequence 50685, A
714	14.2	0.7	20	1	US-10-310-188-64522	Sequence 64522, A	C 787	13.8	0.6	18	1	US-10-266-090-50690	Sequence 50690, A
715	14.2	0.7	20	1	US-10-317-277A-67	Sequence 67, Appl	C 788	13.8	0.6	18	1	US-10-303-778-5025	Sequence 5025, Ap
716	14.2	0.7	20	1	US-10-349-143-7116	Sequence 142, Ap	C 789	13.8	0.6	18	1	US-10-310-188-6215	Sequence 6215, Ap
717	14.2	0.7	20	1	US-10-371-474-69	Sequence 7116, Ap	C 790	13.8	0.6	18	1	US-10-310-188-9756	Sequence 9756, Ap
718	14.2	0.7	20	1	US-10-380-126-75	Sequence 69, Appl	C 791	13.8	0.6	18	1	US-10-310-188-10552	Sequence 10552, A
719	14.2	0.7	20	1	US-10-384-058-4	Sequence 4, Appl	C 792	13.8	0.6	18	1	US-10-310-188-21226	Sequence 21226, A
720	14.2	0.7	20	1	US-10-483-424-42	Sequence 42, Appl	C 793	13.8	0.6	18	1	US-10-310-188-24811	Sequence 24811, A
721	14.2	0.7	20	1	US-60-164-320-11958	Sequence 11958, A	C 794	13.8	0.6	18	1	US-10-310-188-25793	Sequence 25793, A
722	14.2	0.7	20	1	US-60-164-320-14782	Sequence 14782, A	C 795	13.8	0.6	18	1	US-10-310-188-30755	Sequence 30755, A
723	14.2	0.7	20	1	US-60-183-791-11958	Sequence 11958, A	C 796	13.8	0.6	18	1	US-10-310-188-34620	Sequence 34620, A
724	14.2	0.7	20	1	US-60-183-791-14782	Sequence 14782, A	C 797	13.8	0.6	18	1	US-10-310-188-35499	Sequence 35499, A
725	14	0.6	16	1	US-10-310-188-60224	Sequence 60224, A	C 798	13.8	0.6	18	1	US-10-310-188-39123	Sequence 39123, A
726	14	0.6	17	1	US-10-310-188-9791	Sequence 9791, Ap	C 799	13.8	0.6	18	1	US-10-310-188-55156	Sequence 55156, A
727	14	0.6	18	1	US-09-155-885A-276	Sequence 276, Ap	C 800	13.8	0.6	18	1	US-10-310-188-60065	Sequence 60065, A
728	14	0.6	18	1	US-10-453-792-276	Sequence 52565, A	C 801	13.8	0.6	18	1	US-10-310-188-72795	Sequence 72795, A
729	14	0.6	18	1	US-10-606-879-276	Sequence 276, App	C 802	13.8	0.6	18	1	US-10-310-188-72796	Sequence 72796, A
730	14	0.6	18	1	PCT-US03-05326-389	Sequence 389, App	C 803	13.8	0.6	18	1	US-10-310-188-72799	Sequence 72799, A
731	14	0.6	19	1	PCT-US03-05326-568	Sequence 568, App	C 804	13.8	0.6	18	1	US-10-310-188-85927	Sequence 85927, A
732	14	0.6	20	1	PCT-US03-17936-12	Sequence 12, Appl	C 805	13.8	0.6	18	1	US-10-718-948-20	Sequence 20, Appl
733	14	0.6	20	1	PCT-US03-25389-521	Sequence 521, App	C 806	13.8	0.6	18	1	US-60-164-320-14873	Sequence 14873, A
734	14	0.6	20	1	PCT-US03-25389-653	Sequence 653, App	C 807	13.8	0.6	18	1	US-10-321-039-630	Sequence 630, App
735	14	0.6	20	1	PCT-US03-25389-1106	Sequence 1106, Ap	C 808	13.8	0.6	18	1	US-10-354-953-757	Sequence 757, App
736	14	0.6	20	1	PCT-US03-25389-1315	Sequence 1315, Ap	C 809	13.8	0.6	19	1	PCT-US00-13327-46	Sequence 46, Appl
737	14	0.6	20	1	US-09-874-162A-12	Sequence 12, Appl	C 810	13.8	0.6	19	1	PCT-US00-13327-48	Sequence 48, Appl
738	14	0.6	20	1	US-10-266-090-39932	Sequence 39932, A	C 811	13.8	0.6	19	1	PCT-US02-25943-36695	Sequence 36695, A
739	14	0.6	20	1	PCT-US02-16840-2031	Sequence 2031, Ap	C 812	13.8	0.6	19	1	PCT-US03-05045-87	Sequence 87, Appl
740	13.8	0.6	17	1	PCT-US02-16840-2031	Sequence 2031, Ap	C 813	13.8	0.6	19	1	PCT-US03-05045-90	Sequence 90, Appl
741	13.8	0.6	17	1	PCT-US02-16840-5019	Sequence 5019, Ap	C 814	13.8	0.6	19	1	PCT-US03-05045-336	Sequence 336, App
742	13.8	0.6	17	1	PCT-US02-16840A-2031	Sequence 2031, Ap	C 815	13.8	0.6	19	1	PCT-US03-05045-339	Sequence 339, App
743	13.8	0.6	17	1	PCT-US02-16840A-5019	Sequence 5019, Ap	C 816	13.8	0.6	19	1	PCT-US03-05045-524	Sequence 524, App
744	13.8	0.6	17	1	PCT-US02-16840A-5019	Sequence 5019, Ap	C 817	13.8	0.6	19	1	PCT-US03-05045-831	Sequence 831, App
745	13.8	0.6	17	1	US-09-277-0268-6346	Sequence 6346, Ap	C 818	13.8	0.6	19	1	US-09-573-425-46	Sequence 46, Appl
746	13.8	0.6	17	1	US-09-277-0268-6359	Sequence 6359, Ap	C 819	13.8	0.6	19	1	US-09-573-425-48	Sequence 48, Appl
747	13.8	0.6	17	1	US-09-572-021-2010	Sequence 2010, Ap	C 820	13.8	0.6	19	1	US-10-016-490C-24	Sequence 24, Appl
748	13.8	0.6	17	1	US-09-740-332-1266	Sequence 1266, Ap	C 821	13.8	0.6	19	1	US-10-227-565-36695	Sequence 36695, A
749	13.8	0.6	17	1	US-09-780-164-840	Sequence 840, App	C 822	13.8	0.6	19	1	US-10-251-117-87	Sequence 87, Appl
750	13.8	0.6	17	1	US-09-817-879-1266	Sequence 1266, Ap	C 823	13.8	0.6	19	1	US-10-251-117-90	Sequence 90, Appl
751	13.8	0.6	17	1	US-09-825-805-676	Sequence 676, App	C 824	13.8	0.6	19	1	US-10-251-117-336	Sequence 336, App
752	13.8	0.6	17	1	US-09-827-395A-328	Sequence 328, App	C 825	13.8	0.6	19	1	US-10-251-117-339	Sequence 339, App
753	13.8	0.6	17	1	US-09-848-754A-61	Sequence 61, Appl	C 826	13.8	0.6	19	1	US-10-251-117-585	Sequence 585, App
754	13.8	0.6	17	1	US-09-848-754A-2182	Sequence 2182, Ap	C 827	13.8	0.6	19	1	US-10-251-117-789	Sequence 789, App
755	13.8	0.6	17	1	US-09-863-041A-593	Sequence 583, App	C 828	13.8	0.6	19	1	US-10-266-090-46529	Sequence 46529, A
756	13.8	0.6	17	1	US-09-864-785-583	Sequence 583, App	C 829	13.8	0.6	19	1	US-10-293-338-6274	Sequence 6274, Ap
757	13.8	0.6	17	1	US-10-017-974-8720	Sequence 8720, Ap	C 830	13.8	0.6	19	1	US-10-303-778-12689	Sequence 12689, A
758	13.8	0.6	17	1	US-10-156-306-5078	Sequence 5078, Ap	C 831	13.8	0.6	19	1	US-10-310-188-1678	Sequence 1678, Ap
759	13.8	0.6	17	1	US-10-163-552-364	Sequence 364, App	C 832	13.8	0.6	19	1	US-10-310-188-6272	Sequence 6272, Ap
760	13.8	0.6	17	1	US-10-238-700-3352	Sequence 3352, Ap	C 833	13.8	0.6	19	1	US-10-310-188-10574	Sequence 10574, A
761	13.8	0.6	17	1	US-10-294-037A-1194	Sequence 1194, Ap	C 834	13.8	0.6	19	1	US-10-310-188-18123	Sequence 18123, A
762	13.8	0.6	17	1	US-10-303-778-3691	Sequence 3691, Ap	C 835	13.8	0.6	19	1	US-10-310-188-23028	Sequence 23028, A
763	13.8	0.6	17	1	US-10-310-188-5982	Sequence 5982, Ap	C 836	13.8	0.6	19	1		
					Sequence 7330, Ap								

837	19	1	US-10-310-188-33554	Sequence 33554, A	C 910	13.4	0.6	18	1	US-10-108-732-47	Sequence 47, Appl
838	19	1	US-10-310-188-34905	Sequence 34905, A	C 911	13.4	0.6	18	1	US-10-209-324-32	Sequence 32, Appl
839	19	1	US-10-310-188-72813	Sequence 72813, A	C 912	13.4	0.6	18	1	US-10-227-563-18207	Sequence 18207, A
840	19	1	US-10-310-188-72814	Sequence 72814, A	C 913	13.4	0.6	18	1	US-10-282-174-162	Sequence 162, App
841	19	1	US-10-310-188-75577	Sequence 75577, A	C 914	13.4	0.6	18	1	US-10-294-040-54	Sequence 54, Appl
842	19	1	US-10-310-188-75577	Sequence 75577, A	C 915	13.4	0.6	18	1	US-10-294-040-279	Sequence 279, App
843	19	1	US-10-310-188-78419	Sequence 78419, A	C 916	13.4	0.6	18	1	US-10-310-188-82210	Sequence 82210, A
844	19	1	US-60-216-745-36695	Sequence 36695, A	C 917	13.4	0.6	18	1	US-10-349-143-5085	Sequence 5085, Ap
845	21	1	US-08-729-043-2	Sequence 2, Appl	C 918	13.4	0.6	18	1	US-10-367-892-18207	Sequence 18207, A
846	15	1	PCT-US02-25944-7396	Sequence 7396, Ap	C 919	13.4	0.6	18	1	US-10-453-792-270	Sequence 270, App
847	15	1	PCT-US02-25944-7448	Sequence 7448, Ap	C 920	13.4	0.6	18	1	US-10-453-792-272	Sequence 272, App
848	15	1	US-10-227-564-7396	Sequence 7396, Ap	C 921	13.4	0.6	18	1	US-10-453-792-273	Sequence 273, App
849	15	1	US-10-227-564-7448	Sequence 7448, Ap	C 922	13.4	0.6	18	1	US-10-464-158-18	Sequence 18, Appl
850	15	1	US-10-287-787-10375	Sequence 10375, A	C 923	13.4	0.6	18	1	US-10-600-009-162	Sequence 162, App
851	15	1	US-10-287-787-11243	Sequence 11243, A	C 924	13.4	0.6	18	1	US-10-606-879-270	Sequence 270, App
852	16	1	PCT-US02-25940-3485	Sequence 3485, Ap	C 925	13.4	0.6	18	1	US-10-606-879-272	Sequence 272, App
853	16	1	PCT-US03-40978-73653	Sequence 73653, A	C 926	13.4	0.6	18	1	US-60-216-745-8219	Sequence 8219, Ap
854	16	1	US-09-573-684-10	Sequence 10, Appl	C 927	13.4	0.6	18	1	US-60-492-056-743	Sequence 743, App
855	16	1	US-10-227-563-3485	Sequence 3485, Ap	C 928	13.4	0.6	18	1	PCT-US00-22029-11	Sequence 11, Appl
856	16	1	US-10-294-040-85	Sequence 85, Appl	C 929	13.4	0.6	19	1	PCT-US03-03473-41	Sequence 41, Appl
857	16	1	US-10-310-188-78695	Sequence 78695, A	C 930	13.4	0.6	19	1	PCT-US03-03473-352	Sequence 352, App
858	16	1	US-10-367-892-3485	Sequence 3485, Ap	C 931	13.4	0.6	19	1	PCT-US03-03662-178	Sequence 178, App
859	16	1	US-10-659-948A-10	Sequence 10, Appl	C 932	13.4	0.6	19	1	PCT-US03-03662-417	Sequence 417, App
860	16	1	US-10-659-980A-10	Sequence 10, Appl	C 933	13.4	0.6	19	1	PCT-US03-04908-231	Sequence 231, App
861	16	1	US-10-659-980A-10	Sequence 10, Appl	C 934	13.4	0.6	19	1	PCT-US03-04908-645	Sequence 645, App
862	16	1	PCT-US03-40978-73370	Sequence 73370, A	C 935	13.4	0.6	19	1	PCT-US03-40978-73310	Sequence 73310, A
863	17	1	US-09-531-025A-909	Sequence 909, App	C 936	13.4	0.6	19	1	US-10-148-687-55	Sequence 55, Appl
864	17	1	US-09-531-025A-1602	Sequence 1602, Ap	C 937	13.4	0.6	19	1	US-10-244-647-598	Sequence 598, App
865	17	1	US-09-541-946-1657	Sequence 1657, Ap	C 938	13.4	0.6	19	1	US-10-244-647-1244	Sequence 1244, Ap
866	17	1	US-09-541-946-1659	Sequence 1659, Ap	C 939	13.4	0.6	19	1	US-10-293-338-2823	Sequence 2823, Ap
867	17	1	US-09-546-745A-6637	Sequence 6637, Ap	C 940	13.4	0.6	19	1	US-10-293-338-3206	Sequence 3206, Ap
868	17	1	US-09-572-021-1505	Sequence 1505, Ap	C 941	13.4	0.6	19	1	US-10-303-778-6522	Sequence 6522, Ap
869	17	1	US-09-636-385-909	Sequence 909, App	C 942	13.4	0.6	19	1	US-10-303-778-11820	Sequence 11820, A
870	17	1	US-09-636-385-1602	Sequence 1602, Ap	C 943	13.4	0.6	19	1	US-10-310-188-9763	Sequence 9763, Ap
871	17	1	US-09-696-347-909	Sequence 909, App	C 944	13.4	0.6	19	1	Sequence 21659, A	
872	17	1	US-09-696-347-909	Sequence 909, App	C 945	13.4	0.6	19	1	Sequence 59914, A	
873	17	1	US-09-780-533A-1806	Sequence 1806, Ap	C 946	13.4	0.6	19	1	Sequence 72707, A	
874	17	1	US-09-780-533A-2377	Sequence 2377, Ap	C 947	13.4	0.6	19	1	Sequence 7262, Ap	
875	17	1	US-09-818-875-559	Sequence 559, App	C 948	13.4	0.6	19	1	Sequence 3515, Ap	
876	17	1	US-09-818-875-560	Sequence 560, App	C 949	13.4	0.6	19	1	Sequence 1738, Ap	
877	17	1	US-09-877-478-909	Sequence 909, App	C 950	13.4	0.6	19	1	Sequence 73310, A	
878	17	1	US-09-877-478-1602	Sequence 1602, Ap	C 951	13.4	0.6	19	1	Sequence 26190, A	
879	17	1	US-10-060-830-203	Sequence 203, App	C 952	13.4	0.6	19	1	Sequence 20, Appl	
880	17	1	US-10-060-830-206	Sequence 206, App	C 953	13.4	0.6	19	1	Sequence 1535, Ap	
881	17	1	US-10-209-787-559	Sequence 559, App	C 954	13.4	0.6	20	1	Sequence 67, Appl	
882	17	1	US-10-209-787-559	Sequence 559, App	C 955	13.4	0.6	20	1	Sequence 142, App	
883	17	1	US-10-261-185-559	Sequence 559, App	C 956	13.4	0.6	18	1	Sequence 165, App	
884	17	1	US-10-261-185-560	Sequence 560, App	C 957	13.4	0.6	18	1	Sequence 29066, A	
885	17	1	US-10-261-185-560	Sequence 560, App	C 958	13.4	0.6	18	1	Sequence 51780, A	
886	17	1	US-10-310-188-37271	Sequence 37271, A	C 959	13.4	0.6	18	1	Sequence 60330, A	
887	17	1	US-10-339-782-328	Sequence 328, App	C 960	13.4	0.6	18	1	Sequence 341, App	
888	17	1	US-10-342-902-909	Sequence 909, App	C 961	13.4	0.6	18	1	Sequence 343, App	
889	17	1	US-10-342-902-1602	Sequence 1602, Ap	C 962	13.2	0.6	18	1	Sequence 74, Appl	
890	17	1	US-10-623-107-559	Sequence 559, App	C 963	13.2	0.6	18	1	Sequence 26, Appl	
891	17	1	US-10-623-107-560	Sequence 560, App	C 964	13.2	0.6	18	1	Sequence 221, App	
892	17	1	US-10-669-841-909	Sequence 909, App	C 965	13.2	0.6	18	1	Sequence 26, Appl	
893	17	1	US-10-669-841-1602	Sequence 1602, Ap	C 966	13.2	0.6	18	1	Sequence 74, Appl	
894	17	1	US-10-681-074-559	Sequence 559, App	C 967	13.2	0.6	18	1	Sequence 1, Appl	
895	17	1	US-10-681-074-560	Sequence 560, App	C 968	13.2	0.6	18	1	Sequence 47, Appl	
896	17	1	US-10-723-361-973	Sequence 973, App	C 969	13.2	0.6	18	1	Sequence 72, Appl	
897	17	1	US-10-723-361-974	Sequence 974, App	C 970	13.2	0.6	18	1	Sequence 26, Appl	
898	17	1	US-10-741-600-73370	Sequence 73370, A	C 971	13.2	0.6	18	1	Sequence 221, App	
899	17	1	US-60-325-062-206	Sequence 203, App	C 972	13.2	0.6	18	1	Sequence 221, App	
900	17	1	US-60-325-062-206	Sequence 206, App	C 973	13.2	0.6	18	1	Sequence 1083, Ap	
901	18	1	PCT-US02-00985-19	Sequence 19, Appl	C 974	13.2	0.6	18	1	Sequence 1090, Ap	
902	18	1	PCT-US02-24115-32	Sequence 32, Appl	C 975	13.2	0.6	18	1	Sequence 1101, Ap	
903	18	1	PCT-US02-25940-18207	Sequence 18207, A	C 976	13.2	0.6	18	1	Sequence 251, App	
904	18	1	PCT-US02-34679-162	Sequence 162, App	C 977	13.2	0.6	18	1		
905	18	1	PCT-US03-07585-40	Sequence 40, Appl	C 978	13.2	0.6	18	1		
906	18	1	PCT-US03-07585-40	Sequence 40, Appl	C 979	13.2	0.6	18	1		
907	18	1	US-09-155-885A-270	Sequence 270, App	C 980	13.2	0.6	18	1		
908	18	1	US-09-155-885A-272	Sequence 272, App	C 981	13.2	0.6	18	1		
909	18	1	US-09-857-278-18	Sequence 18, Appl	C 982	13.2	0.6	18	1		

114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055

Sequence 24, Appl  
Sequence 24, Appl  
Sequence 26, Appl  
Sequence 26, Appl  
Sequence 74, Appl  
Sequence 29066, A  
Sequence 51780, A  
Sequence 60330, A  
Sequence 38112, A  
Sequence 40503, A  
Sequence 47008, A  
Sequence 51552, A  
Sequence 51728, A  
Sequence 341, App  
Sequence 341, App  
Sequence 2086, App  
Sequence 6601, App  
Sequence 3233, App  
Sequence 4618, App  
Sequence 4666, App  
Sequence 4999, App  
Sequence 8192, App  
Sequence 4288, App  
Sequence 5478, App  
Sequence 6210, App  
Sequence 9659, App  
Sequence 9706, App  
Sequence 10527, App  
Sequence 17069, App  
Sequence 26440, App  
Sequence 42111, App  
Sequence 42218, App  
Sequence 51868, App  
Sequence 58107, App  
Sequence 64553, App  
Sequence 64750, App  
Sequence 69028, App  
Sequence 71360, App  
Sequence 72865, App  
Sequence 75117, App  
Sequence 77971, App  
Sequence 80411, App  
Sequence 85848, App  
Sequence 85920, App  
Sequence 86807, App  
Sequence 165, App  
Sequence 4110, App  
Sequence 4877, App  
Sequence 23066, A  
Sequence 51780, A  
Sequence 60330, A  
Sequence 74, Appl  
Sequence 26, Appl  
Sequence 31, Appl  
Sequence 341, App  
Sequence 343, App  
Sequence 8632, App  
Sequence 355, App  
Sequence 355, App  
Sequence 355, App  
Sequence 560795, A  
Sequence 560795, A  
Sequence 4, Appl  
Sequence 60, Appl  
Sequence 55, Appl  
Sequence 3485, App  
Sequence 3485, App  
Sequence 3485, App  
Sequence 35499, A  
Sequence 7, Appl  
Sequence 63, Appl  
Sequence 57, Appl

1056 12.4 0.6 18 1 PCT-US02-34679-162  
1057 12.4 0.6 18 1 US-10-282-174-162  
1058 12.4 0.6 18 1 US-10-600-009-162  
c1059 12.2 0.6 17 1 PCT-US02-29102-30  
c1060 12.2 0.6 17 1 PCT-US02-37857-51  
c1061 12.2 0.6 17 1 PCT-US02-37764-30  
c1062 12.2 0.6 17 1 US-10-302-817A-51  
c1063 12.2 0.6 17 1 US-10-303-109A-30

ALIGNMENTS

RESULT 1  
US-09-525-998-9  
; Sequence 9, Application US/09525998  
; GENERAL INFORMATION:  
; APPLICANT: Hauptmann, Rudolph  
; APPLICANT: Himmler, Adolph  
; APPLICANT: Maurer-Fogy, Ingrid  
; APPLICANT: Stratowa, Christian  
; TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for  
; TITLE OF INVENTION: Them  
; FILE REFERENCE: 98,385-E  
; CURRENT APPLICATION NUMBER: US/09/525,998  
; CURRENT FILING DATE: 2000-03-15  
; PRIOR APPLICATION NUMBER: 08/383,676  
; PRIOR FILING DATE: 1995-02-01  
; PRIOR APPLICATION NUMBER: 08/153,287  
; PRIOR FILING DATE: 1993-11-17  
; PRIOR APPLICATION NUMBER: 07/821,750  
; PRIOR FILING DATE: 1992-01-02  
; PRIOR APPLICATION NUMBER: 07/511,430  
; PRIOR FILING DATE: 1990-04-20  
; NUMBER OF SEQ ID NOS: 87  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 9  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1)..(30)  
US-09-525-998-9

Query Match 1.4%; Score 30; DB 1; Length 30;  
Best Local Similarity 100.0%; Pred. No. 2.8;  
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 859 GTTAAGGGCACTGAGGACTCAGGACCA 888  
Db 1 GTTAAGGGCACTGAGGACTCAGGACCA 30

RESULT 2  
US-09-792-356-9  
; Sequence 9, Application US/09792356  
; GENERAL INFORMATION:  
; APPLICANT: Hauptmann, Rudolph  
; APPLICANT: Himmler, Adolph  
; APPLICANT: Maurer-Fogy, Ingrid  
; APPLICANT: Stratowa, Christian  
; TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for  
; TITLE OF INVENTION: Them  
; FILE REFERENCE: 98,385-G  
; CURRENT APPLICATION NUMBER: US/09/792,356  
; CURRENT FILING DATE: 2001-08-17  
; PRIOR APPLICATION NUMBER: 08/477,639  
; PRIOR FILING DATE: 1995-06-07  
; PRIOR APPLICATION NUMBER: 08/383,676  
; PRIOR FILING DATE: 1995-02-01  
; PRIOR APPLICATION NUMBER: 08/153,287  
; PRIOR FILING DATE: 1993-11-17

```
; PRIOR APPLICATION NUMBER: 07/821,750
; PRIOR FILING DATE: 1992-01-02
; PRIOR APPLICATION NUMBER: 07/511,430
; PRIOR FILING DATE: 1990-04-20
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(30)
US-09-792-356-9

Query Match
Best Local Similarity 1.4%; Score 30; DB 1; Length 30;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 859 GTTAAGGCACTGAGGACTCAGGCACCACA 888
DB 1 GTTAAGGCACTGAGGACTCAGGCACCACA 30

RESULT 3
US-09-898-234-9
; Sequence 9, Application US/09898234
; GENERAL INFORMATION:
; APPLICANT: Hauptmann, Rudolph
; APPLICANT: Himmler, Adolph
; APPLICANT: Maurer-Fogy, Ingrid
; APPLICANT: Stratowa, Christian
; TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for
; FILE REFERENCE: 98,385-I
; CURRENT APPLICATION NUMBER: US/09/898,234
; PRIOR FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 09/525,998
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 08/383,676
; PRIOR FILING DATE: 1995-02-01
; PRIOR APPLICATION NUMBER: 08/153,287
; PRIOR FILING DATE: 1993-11-17
; PRIOR APPLICATION NUMBER: 07/821,750
; PRIOR FILING DATE: 1992-01-02
; PRIOR APPLICATION NUMBER: 07/511,430
; PRIOR FILING DATE: 1990-04-20
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(30)
US-09-898-234-9

Query Match
Best Local Similarity 1.4%; Score 30; DB 1; Length 30;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 859 GTTAAGGCACTGAGGACTCAGGCACCACA 888
DB 1 GTTAAGGCACTGAGGACTCAGGCACCACA 30

RESULT 4
US-09-899-422-9
; Sequence 9, Application US/09899422
; GENERAL INFORMATION:
; APPLICANT: Hauptmann, Rudolph
; APPLICANT: Himmler, Adolph
; APPLICANT: Maurer-Fogy, Ingrid
; APPLICANT: Stratowa, Christian
; TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for
; FILE REFERENCE: 98,385-J
; CURRENT APPLICATION NUMBER: US/09/899,429
; PRIOR FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 09/792,356
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 08/477,639
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 08/383,676
; PRIOR FILING DATE: 1995-02-01
; PRIOR APPLICATION NUMBER: 08/153,287
; PRIOR FILING DATE: 1993-11-17
; PRIOR APPLICATION NUMBER: 07/821,750
; PRIOR FILING DATE: 1992-01-02
; PRIOR APPLICATION NUMBER: 07/511,430
; PRIOR FILING DATE: 1990-04-20
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(30)
US-09-899-422-9

Query Match
Best Local Similarity 1.4%; Score 30; DB 1; Length 30;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 859 GTTAAGGCACTGAGGACTCAGGCACCACA 888
DB 1 GTTAAGGCACTGAGGACTCAGGCACCACA 30

RESULT 5
US-09-899-429-9
; Sequence 9, Application US/09899429
; GENERAL INFORMATION:
; APPLICANT: Hauptmann, Rudolph
; APPLICANT: Himmler, Adolph
; APPLICANT: Maurer-Fogy, Ingrid
; APPLICANT: Stratowa, Christian
; TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for
; FILE REFERENCE: 98,385-J
; CURRENT APPLICATION NUMBER: US/09/899,429
; PRIOR FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 09/792,356
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 08/477,639
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 08/383,676
; PRIOR FILING DATE: 1995-02-01
; PRIOR APPLICATION NUMBER: 08/153,287
; PRIOR FILING DATE: 1993-11-17
; PRIOR APPLICATION NUMBER: 07/821,750
; PRIOR FILING DATE: 1992-01-02
; PRIOR APPLICATION NUMBER: 07/511,430
; PRIOR FILING DATE: 1990-04-20
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(30)
US-09-899-429-9
```



```
Query Match 1.4%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2.8; Mismatches 0; Indels 0; Gaps 0;
Matches 30; Conservative 0;

QY 859 GTTAAGGCACCTGAGACTCAGGCACCA 888
DB 1 GTTAAGGCACCTGAGACTCAGGCACCA 30

RESULT 6
US-08-190-412B-206
; Sequence 206, Application US/08190412B
; GENERAL INFORMATION:
; APPLICANT: H. Goldstein, et al.
; TITLE OF INVENTION: PCR PRIMER PAIRS AND METHOD OF USE
; TITLE OF INVENTION: DETECTING GENE EXPRESSION DURING PATHOGENESIS OF
; NUMBER OF SEQUENCES: 262
; CORRESPONDENCE ADDRESS:
; STREET: Law Office of Sherman and Shalloway
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22313
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
; COMPUTER: Dell System 210; Intel 80 286
; OPERATING SYSTEM: MS DOS 3.3
; SOFTWARE: Word Perfect, Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/190,412B
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Richard A. Steinberg
; REGISTRATION NUMBER: 26,588
; REFERENCE/DOCKET NUMBER: BOG-143
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 549-2282
; TELEFAX: (703) 836-0106
; INFORMATION FOR SEQ ID NO: 206:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 29 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHETICAL: no
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: TNF-RECEPTOR
US-08-190-412B-206

Query Match 1.3%; Score 29; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 3.9; Mismatches 0; Indels 0; Gaps 0;
Matches 29; Conservative 0;

QY 838 TGCTACCCAGATTGAGATTGAAGG 866
DB 1 TGCCTACCCAGATTGAGATTGAAGG 29

RESULT 7
PCT-US00-04606-91/c
; Sequence 91, Application PC/TUS0004606
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals, Inc.
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Schulz, Vincent P
; APPLICANT: Stephens, J. Claiborne
```

```
; APPLICANT: Chew, Anne
; TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Tumor
; FILE REFERENCE: MH0030PCT
; CURRENT APPLICATION NUMBER: PCT/US00/04606
; EARLIER FILING DATE: 2000-02-23
; EARLIER APPLICATION NUMBER: 60/121,314
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 91
; LENGTH: 25
; TYPE: DNA
; ORGANISM: HOMO SAPIENS
PCT-US00-04606-91

Query Match 1.2%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 14; Mismatches 0; Indels 0; Gaps 0;
Matches 25; Conservative 0;

QY 855 GAATGTTAAGGCACCTCAGGACTCA 879
DB 25 GAATGTTAAGGCACCTCAGGACTCA 1

RESULT 8
US-08-190-412B-207/c
; Sequence 207, Application US/08190412B
; GENERAL INFORMATION:
; APPLICANT: H. Goldstein, et al.
; TITLE OF INVENTION: PCR PRIMER PAIRS AND METHOD OF USE
; TITLE OF INVENTION: DETECTING GENE EXPRESSION DURING PATHOGENESIS OF
; NUMBER OF SEQUENCES: 262
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Office of Sherman and Shalloway
; STREET: 413 N. Washington Street
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22313
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
; COMPUTER: Dell System 210; Intel 80 286
; OPERATING SYSTEM: MS DOS 3.3
; SOFTWARE: Word Perfect, Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/190,412B
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Richard A. Steinberg
; REGISTRATION NUMBER: 26,588
; REFERENCE/DOCKET NUMBER: BOG-143
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 549-2282
; TELEFAX: (703) 836-0106
; INFORMATION FOR SEQ ID NO: 207:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHETICAL: no
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: TNF-RECEPTOR
US-08-190-412B-207
```

Query Match 1.1%; Score 24; DB 1; Length 24;

```
Best Local Similarity 100.0%; Pred. No. 19;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1168 CCCAACTTGGCGCTCCCGCAGA 1191
Db 24 CCCAACTTGGCGCTCCCGCAGA 1

RESULT 9
US-08-190-412B-210
; Sequence 210, Application US/08190412B
; GENERAL INFORMATION:
; APPLICANT: H. Goldstein, et al.
; TITLE OF INVENTION: PCR PRIMER PAIRS AND METHOD OF USE
; TITLE OF INVENTION: DETECTING GENE EXPRESSION DURING PATHOGENESIS OF
; NUMBER OF SEQUENCES: 262
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Law Office of Sherman and Shalloway
; STREET: 413 N. Washington Street
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22313
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
; COMPUTER: Dell System 210; Intel 80 286
; COMPUTER: Microprocessor
; OPERATING SYSTEM: MS DOS 3.3
; SOFTWARE: Word Perfect, Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/190,412B
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Richard A. Steinberg
; REGISTRATION NUMBER: 26,588
; REFERENCE/DOCKET NUMBER: BOG-143
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 549-2282
; TELEFAX: (703) 836-0106
; INFORMATION FOR SEQ ID NO: 210:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ORIGINAL SOURCE:
; ORGANISM: human and mouse
; FEATURE:
; NAME/KEY: TNF-RECEPTOR IVS
; US-08-190-412B-210

Query Match 1.1%; Score 23; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1087 GGCTTACCCCGCCACCTGGGCTT 1109
Db 1 GGCTTACCCCGCCACCTGGGCTT 23

RESULT 10
US-10-409-107A-1
; Sequence 1, Application US/10409107A
; GENERAL INFORMATION:
; APPLICANT: Yanai, Yoshiaki
; APPLICANT: YAMAMOTO, Shigeto
; APPLICANT: YAMAMOTO, Kojo
; APPLICANT: IKEGAMI, Hakuo
; TITLE OF INVENTION: Method for estimating therapeutic efficacy of tumor necrosis
```

```
; TITLE OF INVENTION: factor
; FILE REFERENCE: YANAI=3
; CURRENT APPLICATION NUMBER: US/10/409,107A
; PRIOR FILING DATE: 2003-04-19
; PRIOR APPLICATION NUMBER: JP 107126/2002
; PRIOR FILING DATE: 2002-04-09
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Oligonucleotide used as primer for PCR detection of TNF-R55 mRNA
US-10-409-107A-1

Query Match 1.0%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 725 CCTGCCAGGAGAAACAGAACAC 746
Db 1 CCTGCCAGGAGAAACAGAACAC 22

RESULT 11
US-10-380-438-15/c
; Sequence 15, Application US/10380438
; GENERAL INFORMATION:
; APPLICANT: Pfizenmaier, Klaus
; TITLE OF INVENTION: FUSION PROTEIN FROM ANTIBODY CYTOKINE-CYTOKINE INHIBITOR (SELECTC
; FILE REFERENCE: MBP-020XX
; CURRENT APPLICATION NUMBER: US/10/380,438
; CURRENT FILING DATE: 2003-07-22
; PRIOR APPLICATION NUMBER: DE 100 45 592.1
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of the artificial sequence: Primer 6 for
; OTHER INFORMATION: the amplification of a TNFRI-Fragments
US-10-380-438-15

Query Match 1.0%; Score 21; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 739 CAGAACACCGTGTGCACCTGCCATGCAGG 767
Db 29 CAGAACACCGTGTGCACCGATCCGCAGG 1

RESULT 12
US-08-529-190A-7
; Sequence 7, Application US/08529190A
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Banner & Allegretti
; STREET: 75 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
```

;; MEDIUM TYPE: Diskette  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: DOS  
;; SOFTWARE: Wordperfect 6.1  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/529,190A  
;; FILING DATE: 15-SEP-1995  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER:  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Williams, Ph.D., Kathleen A  
;; REGISTRATION NUMBER: 34,380  
;; REFERENCE/DOCKET NUMBER: THERE-005AX  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 617-345-9100  
;; TELEFAX: 617-345-9111  
;; TELEX:  
;; INFORMATION FOR SEQ ID NO: 7:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 24 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: Genomic DNA  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; FRAGMENT TYPE:  
;; ORIGINAL SOURCE:  
US-08-529-190A-7

Query Match 1.0%; Score 20.8; DB 1; Length 24;  
Best Local Similarity 91.7%; Pred. No. 61;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCTCCAGTCCAC 1148  
||||| ||||| ||||| ||||| |||||  
Db 1 TTCCACCGCACCTCCAGTCCAC 24

RESULT 13  
US-08-733-369A-63  
;; Sequence 63, Application US/08/733369A  
;; GENERAL INFORMATION:  
;; APPLICANT: Masucci, Maria G.  
;; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES CONFERRING  
;; TITLE OF INVENTION: INVISIBILITY TO THE IMMUNE SYSTEM.  
;; NUMBER OF SEQUENCES: 123  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.  
;; STREET: One Financial Center  
;; CITY: Boston  
;; STATE: Massachusetts  
;; COUNTRY: USA  
;; ZIP: 02111  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Wordperfect 6.1a  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/733,369A  
;; FILING DATE: 17 October, 1996  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/522,995  
;; FILING DATE: 01-SEP-1995  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/529,190  
;; FILING DATE: 15-SEP-1995  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: SE 95013249  
;; FILING DATE: 10-APR-1995

;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: PCT/GB96/00876  
;; FILING DATE: 10-APR-1996  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Williams, Kathleen M.  
;; REGISTRATION NUMBER: 34,380  
;; REFERENCE/DOCKET NUMBER: 95-1391-D  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 617-345-9100  
;; TELEFAX: 617-345-9111  
;; INFORMATION FOR SEQ ID NO: 63:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 24 bases  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: other nucleic acid  
US-08-733-369A-63

Query Match 1.0%; Score 20.8; DB 1; Length 24;  
Best Local Similarity 91.7%; Pred. No. 61;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCTCCAGTCCAC 1148  
||||| ||||| ||||| ||||| |||||  
Db 1 TTCCACCGCACCTCCAGTCCAC 24

RESULT 14  
US-08-970-900-57  
;; Sequence 57, Application US/08970900  
;; GENERAL INFORMATION:  
;; APPLICANT: Masucci, Maria G.  
;; TITLE OF INVENTION: FUSION PROTEINS HAVING INCREASED HALF-LIVES.  
;; NUMBER OF SEQUENCES: 91  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.  
;; STREET: One Financial Center  
;; CITY: Boston  
;; STATE: Massachusetts  
;; COUNTRY: USA  
;; ZIP: 02111  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Wordperfect 6.1a  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/970,900  
;; FILING DATE: 14-NOV-1997  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 60/030,986  
;; FILING DATE: 15-NOV-1996  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 60/048,945  
;; FILING DATE: 25-JUN-1997  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Williams, Kathleen M.  
;; REGISTRATION NUMBER: 34,380  
;; REFERENCE/DOCKET NUMBER: 3255/59831  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 617-345-9100  
;; TELEFAX: 617-345-9111  
;; INFORMATION FOR SEQ ID NO: 57:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 24 bases  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: other nucleic acid  
US-08-970-900-57

Query Match 1.0%; Score 20.8; DB 1; Length 24;

Best Local Similarity 91.7%; Pred. No. 61;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACTCCAGCTCCAC 1148  
Db 1 TTCCACCCGCACTCCAGCTCCAC 24

RESULT 15  
US-60-507-481-32118  
; Sequence 32118, Application US/60507481  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: Mounts, William M  
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION IN ANIMAL  
; TITLE OF INVENTION: MODLES OF INFLAMMATORY DISEASES  
; FILE REFERENCE: AM101084  
; CURRENT APPLICATION NUMBER: US/60/507,481  
; CURRENT FILING DATE: 2003-10-02  
; NUMBER OF SEQ ID NOS: 210107  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 32118  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Canis familiaris  
US-60-507-481-32118

Query Match 0.9%; Score 20.2; DB 1; Length 25;  
Best Local Similarity 88.0%; Pred. No. 80;  
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 737 AACAGAACCGTGTGCACCTGCCA 761  
Db 1 AGCAGAACCATATGCACCTGCCA 25

RESULT 16  
PCT-US95-05854-2/c  
; Sequence 2, Application PC/TUS9505854  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: MODULATOR OF TNF/NGF SUPERFAMILY RECEPTORS  
; NUMBER OF SEQUENCES: 25  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (BPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/05854  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: IL 109,632  
; FILING DATE: 11-MAY-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: IL 111,125  
; FILING DATE: 02-OCT-1994  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: WALLACH=15 PCT  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; TELEX: 248633  
; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 28 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
PCT-US95-05854-2

Query Match 0.9%; Score 20; DB 1; Length 28;  
Best Local Similarity 100.0%; Pred. No. 97;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 GAGGACTCAGGCACACACAGT 890  
Db 28 GAGGACTCAGGCACACACAGT 9

RESULT 17  
US-10-349-977-2/c  
; Sequence 2, Application US/10349977  
; GENERAL INFORMATION:  
; APPLICANT: WALLACH, David  
; BOLDIN, Mark  
; METT, Igor  
; VARFOLOMEYEV, Eugene  
; TITLE OF INVENTION: MODULATOR OF TNF/NGF SUPERFAMILY RECEPTORS  
; AND SOLUBLE OLIGOMERIC TNF/NGF SUPERFAMILY RECEPTORS  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/349,977  
; FILING DATE: 24-Jan-2003  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/747,562  
; FILING DATE: 11-MAY-1995  
; APPLICATION NUMBER: PCT/US95/05854  
; FILING DATE: 11-MAY-1994  
; APPLICATION NUMBER: IL 109,632  
; FILING DATE: 02-OCT-1994  
; APPLICATION NUMBER: IL 111,125  
; FILING DATE: 02-OCT-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: WALLACH=15A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 28 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-10-349-977-2

Query Match 0.9%; Score 20; DB 1; Length 28;  
Best Local Similarity 100.0%; Pred. No. 97;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: Wordperfect 6.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/529,190A  
 FILING DATE: 15-SEP-1995  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Williams, Ph.D., Kathleen A  
 REGISTRATION NUMBER: 34,380  
 REFERENCE/DOCKET NUMBER: THERE-005AX  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617-345-9100  
 TELEFAX: 617-345-9111  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 10:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 24 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Genomic DNA  
 HYPOTHEICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE:  
 ORIGINAL SOURCE:  
 US-08-529-190A-10

Query Match 0.9%; Score 19.2; DB 1; Length 24;  
 Best Local Similarity 87.5%; Pred. No. 1.le+02;  
 Matches 21; Conservative 0; Mismatches 3; Indels

QY 1125 TTCCACCTTCACCTCCAGCTCCAC 1148  
 ||||| ||||| ||||| ||||| |||||  
 Db 1 TTCCACCGCACCTCCAGCTCTC 24

RESULT 21  
 US-08-733-369A-66  
 Sequence 66, Application US/08733369A  
 GENERAL INFORMATION:  
 APPLICANT: Masucci, Maria G.  
 TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES CONFERRING  
 TITLE OF INVENTION: INVISIBILITY TO THE IMMUNE SYSTEM.  
 NUMBER OF SEQUENCES: 123  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.  
 STREET: One Financial Center  
 CITY: Boston  
 STATE: Massachusetts  
 COUNTRY: USA  
 ZIP: 02111  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Wordperfect 6.1a  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/733,369A  
 FILING DATE: 17 October, 1996  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/522,995  
 FILING DATE: 01-SEP-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/529,190  
 FILING DATE: 15-SEP-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: SE 95013249  
 FILING DATE: 10-APR-1995

```
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/GB96/00876
/ FILING DATE: 10-APR-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Williams, Kathleen M.
/ REGISTRATION NUMBER: 34,380
/ REFERENCE/DOCKET NUMBER: 95-1391-D
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-345-9100
/ TELEFAX: 617-345-9111
/ INFORMATION FOR SEQ ID NO: 66:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
US-08-733-369A-66

Query Match
Best Local Similarity 0.9%; Score 19.2; DB 1; Length 24;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCTCCAGCTCCAC 1148
Db 1 TTCCACCGCACCTCCAGCTCCTC 24

RESULT 22
US-08-970-900-59
/ Sequence 59, Application US/08970900
/ GENERAL INFORMATION:
/ APPLICANT: Masucci, Maria G.
/ TITLE OF INVENTION: FUSION PROTEINS HAVING INCREASED HALF-LIVES.
/ NUMBER OF SEQUENCES: 91
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.
/ STREET: One Financial Center
/ CITY: Boston
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02111
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Wordperfect 6.1a
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/970,900
/ FILING DATE: 14-NOV-1997
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/030,986
/ FILING DATE: 15-NOV-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/048,945
/ FILING DATE: 25-JUN-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Williams, Kathleen M.
/ REGISTRATION NUMBER: 34,380
/ REFERENCE/DOCKET NUMBER: 3255/59831
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-345-9100
/ TELEFAX: 617-345-9111
/ INFORMATION FOR SEQ ID NO: 59:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
US-08-970-900-59

Query Match
0.9%; Score 19.2; DB 1; Length 24;
```

```
Best Local Similarity 87.5%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCTCCAGCTCCAC 1148
Db 1 TTCCACCGCACCTCCAGCTCCTC 24

RESULT 23
US-09-954-427-80683
/ Sequence 80683, Application US/09954427
/ GENERAL INFORMATION:
/ APPLICANT: Mittmann
/ APPLICANT: Affymetrix, Inc.
/ TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
/ TITLE OF INVENTION: Genome
/ FILE REFERENCE: 3112
/ CURRENT FILING DATE: 2001-09-17
/ CURRENT APPLICATION NUMBER: US/09/954,427
/ NUMBER OF SEQ ID NOS: 420907
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 80683
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Rattus norvegicus
/ PUBLICATION INFORMATION:
/ DATABASE ACCESSION NUMBER: GenBank AA819663
US-09-954-427-80683
```

```
Query Match
Best Local Similarity 0.9%; Score 19.2; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 966 ACGGTGGAGTCCAGCTCTACTC 989
Db 1 ACGGTGTGAGCCCAAGCTCTACTC 24
```

```
RESULT 24
US-09-954-427A-236276/c
/ Sequence 236276, Application US/09954427A
/ GENERAL INFORMATION:
/ APPLICANT: Michael Mittmann
/ TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
/ FILE REFERENCE: 3112.1
/ CURRENT APPLICATION NUMBER: US/09/954,427A
/ CURRENT FILING DATE: 2001-09-17
/ PRIOR APPLICATION NUMBER: 60/233,166
/ PRIOR FILING DATE: 2000-09-18
/ NUMBER OF SEQ ID NOS: 420907
/ SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
/ SEQ ID NO 236276
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Rattus Norvegicus
US-09-954-427A-236276
```

```
Query Match
Best Local Similarity 0.9%; Score 19.2; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 863 AGGCGACTGAGGACTCAGGCACCA 886
Db 25 AGCGCGCTGAGGACTCTGGCACCA 2
```

```
RESULT 25
US-60-233-166-80683
/ Sequence 80683, Application US/60233166
/ GENERAL INFORMATION:
/ APPLICANT: Mittmann
/ APPLICANT: Affymetrix, Inc.
/ TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
```

```

; TITLE OF INVENTION: Genome
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/60/233,166
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 80683
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA819663
; US-60-233-166-80683

```

Query Match	0.9%	Score 19.2;	DB 1;	Length 25;
Best Local Similarity	87.5%	Pred. No. 1.1e+02;		
Matches 21;	Conservative	0;	Mismatches 3;	Indels 0;
				Gaps 0;

Qy 966 ACGGTGAAGTCCAAGCTCTACTC 98  
 ||||| | | | | | | | | |  
 db 1 ACGGTGTGAGCCCAAGCTCTACTC 24

```

RESULT 26
US-09-980-469-20/c
; Sequence 20, Application US/09980469
; GENERAL INFORMATION:
; APPLICANT: ziv , Shani
; APPLICANT: Shoseyov, Oded
; TITLE OF INVENTION: PROCESS OF EXPRESSING AND ISOLATING RECOMBINANT PROTEINS AND RECOMBINANT
; TITLE OF INVENTION: PROTEIN PRODUCTS FROM PLANTS, PLANT DERIVED TISSUES OR CULTURED
; FILE REFERENCE: 01/22924
; CURRENT APPLICATION NUMBER: US/09/980,469
; CURRENT FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Single strand DNA oligonucleotide
US-09-980-469-20

```

Query Match	0.9%	Score 19.2;	DB 1;	Length 27;
Best Local Similarity	87.5%;	Pred. No. 1.2e+02;		
Matches 21: Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;

QY . 1246 TCCGACCCCATCCCCAACCCTT 1269  
|||||  
Dp 26 TCCGACCCCATCCCCAACCCTT 3

```

RESULT 27
PCT-US03-04741-219
; Sequence 219, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siRNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782

```

```

/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 500
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 219
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Art
ECT: US03-04741-219

```

Query Match	0.9%	Score 19;	DB 1;	Length 19;
Best Local Similarity	89.5%;	Pred. No. 89;		
Matches 17: Conservative	2: Mismatches			
		0: Indels	0: Gaps	0: Gaps

Qy 733 GAGAAACAGAAACACCGTGT 751  
 |||||  
 Db 1 GAGAAACAGAAACACCGUGU 19

```

RESULT 28
PCT-US03-04741-220
; Sequence 220, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 220
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-220

```

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 73.7%; Pred. No. 89;  
Matches 14; Conservative 5; Mismatches 0; Indels

QY 751 TGCACCTGCCATGCAGGTT 769  
:|||||:|||||:|||||:|::

Db 1 UGCACCUGCCAGGAGGU 19

## RESULT 29

PCT-US03-04741-221  
; Sequence 221, Application PC/TUS0304741  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
; TITLE OF INVENTION: (siNA)  
; FILE REFERENCE: 400/100 (MBHB02-1236-A)  
; CURRENT APPLICATION NUMBER: PCT/US03/04741  
; CURRENT FILING DATE: 2002-02-12  
; PRIOR APPLICATION NUMBER: US 60/429,359  
; PRIOR FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/406,784  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: US 60/408,378  
; PRIOR FILING DATE: 2002-09-05  
; PRIOR APPLICATION NUMBER: US 60/409,293  
; PRIOR FILING DATE: 2002-09-09  
; PRIOR APPLICATION NUMBER: US 60/440,129  
; PRIOR FILING DATE: 2003-01-15  
; NUMBER OF SEQ ID NOS: 500  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 221  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense  
PCT-US03-04741-221

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 68.4%; Pred. No. 89;  
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 769 TTCTTCTTACAGAAAACG 787  
Db 1 UUCUUCUACAGAAAACG 19

## RESULT 30

PCT-US03-04741-222  
; Sequence 222, Application PC/TUS0304741  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
; TITLE OF INVENTION: (siNA)  
; FILE REFERENCE: 400/100 (MBHB02-1236-A)  
; CURRENT APPLICATION NUMBER: PCT/US03/04741  
; CURRENT FILING DATE: 2002-02-12  
; PRIOR APPLICATION NUMBER: US 60/429,359  
; PRIOR FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/406,784

; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: US 60/408,378  
; PRIOR FILING DATE: 2002-09-05  
; PRIOR APPLICATION NUMBER: US 60/409,293  
; PRIOR FILING DATE: 2002-09-09  
; PRIOR APPLICATION NUMBER: US 60/440,129  
; PRIOR FILING DATE: 2003-01-15  
; NUMBER OF SEQ ID NOS: 500  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 222  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense  
PCT-US03-04741-222

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 63.2%; Pred. No. 89;  
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY 787 GAGTGTCTCTCTGTAGTA 805  
Db 1 GAGUGUGUCCUCCUGAGUA 19

## RESULT 31

PCT-US03-04741-223  
; Sequence 223, Application PC/TUS0304741  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
; TITLE OF INVENTION: (siNA)  
; FILE REFERENCE: 400/100 (MBHB02-1236-A)  
; CURRENT APPLICATION NUMBER: PCT/US03/04741  
; CURRENT FILING DATE: 2002-02-12  
; PRIOR APPLICATION NUMBER: US 60/429,359  
; PRIOR FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/406,784  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: US 60/408,378  
; PRIOR FILING DATE: 2002-09-05  
; PRIOR APPLICATION NUMBER: US 60/409,293  
; PRIOR FILING DATE: 2002-09-09  
; PRIOR APPLICATION NUMBER: US 60/440,129  
; PRIOR FILING DATE: 2003-01-15  
; NUMBER OF SEQ ID NOS: 500  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 223  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense  
PCT-US03-04741-223

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 89;  
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 805 AACCTGAAGAAAGCCTGG 823  
Db 1 AACUGAAGAAAGCCTGG 19



```
RESULT 32
PCT-US03-04741-224
; Sequence 224, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT FILING DATE: 2002-02-12
; PRIOR FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 224
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-224

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 823 GAGTGCACGAGTTGTGCC 841
Db 1 GAGUGCAGCAGTGTGCC 19

RESULT 33
PCT-US03-04741-225
; Sequence 225, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT FILING DATE: 2002-02-12
; PRIOR FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
```

```
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 225
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-225

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 841 CTACCCGAGTTGAGATG 859
Db 1 CUACCCGAGUUGAGAAUG 19

RESULT 34
PCT-US03-04741-226
; Sequence 226, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT FILING DATE: 2002-02-12
; PRIOR FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 226
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-226

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 859 GTTAGGGCAGCTGAGGACT 877
Db 1 GUUAGGGCAGUGAGGACU 19

RESULT 35
```



```
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siRNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 230
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-230
```

```
Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 52.6%; Pred. No. 89;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

Qy 931 TCCCTCCCTTCATGTTGTT 949
Db 1 UCCUCCUCCUUAUGGUU 19

; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siRNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
```

```
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 231
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-231
```

```
Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 89;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

Qy 949 TTAATGTATCGCTACCAAC 967
Db 1 UUAAGUAGUCGUACCAAC 19
```

```
RESULT 40
PCT-US03-04741-232
; Sequence 232, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siRNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 232
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-232
```

```
Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 967 CGGTGGAAGTCCAGCTCT 985
Db 1 CGGUGGAAGUCCAGCUCU 19
```

```
RESULT 41
PCT-US03-04741-233
; Sequence 233, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
```



```
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: (siRNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 236
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-236

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1039 ACTACTACTAAGCCCTCG 1057
||:||||:||||:||||:||||:|
Db 1 ACUACUACUAGCCCCUGG 19

RESULT 45
PCT-US03-04741-237
; Sequence 237, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 237
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-238

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1075 AGTCCCACTCCAGGCTTCA 1093
||:||||:||||:||||:||||:|
Db 1 AGUCCCACTCCAGGCTTCA 19

RESULT 47
PCT-US03-04741-239
; Sequence 239, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 239
```

```
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-237

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 89;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1057 GCCCRAAACCCAGCTTCA 1075
|||||:|||||:|||||:|||||:|
Db 1 GCCCRAAACCCAGCTTCA 19

RESULT 46
PCT-US03-04741-238
; Sequence 238, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 238
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-238

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1075 AGTCCCACTCCAGGCTTCA 1093
|||||:|||||:|||||:|||||:|
Db 1 AGUCCCACTCCAGGCTTCA 19

RESULT 47
PCT-US03-04741-239
; Sequence 239, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 239
```

```
; TITLE OF INVENTION: (sina)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 239
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-239

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 89;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1093 ACCCCACCTGGGCTTCA 1111
Db 1 ACCCCACCCGGGCTUCA 19

RESULT 48
PCT-US03-04741-240
; Sequence 240, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 240
; LENGTH: 19
; TYPE: RNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-240

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1111 AGTCCCGTCCAGTCCCA 1129
Db 1 AGUCCCGUGCCAGUCCA 19

RESULT 49
PCT-US03-04741-241
; Sequence 241, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 241
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-241

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1129 ACCTTCACCTCCAGTCCCA 1147
Db 1 ACCUCCACCCGAGUCCA 19

RESULT 50
PCT-US03-04741-242
; Sequence 242, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 240
; LENGTH: 19
; TYPE: RNA
```

; CURRENT APPLICATION NUMBER: PCT/US03/04741  
; CURRENT FILING DATE: 2002-02-12  
; PRIOR APPLICATION NUMBER: US 60/429,359  
; PRIOR FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/406,784  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: US 60/408,378  
; PRIOR FILING DATE: 2002-09-05  
; PRIOR APPLICATION NUMBER: US 60/409,293  
; PRIOR FILING DATE: 2002-09-09  
; PRIOR APPLICATION NUMBER: US 60/440,129  
; PRIOR FILING DATE: 2003-01-15  
; NUMBER OF SEQ ID NOS: 500  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 242  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense  
PCT-US03-04741-242

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 89;  
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1147 ACCTATACCCCGGTGACT 1165  
Db 1 ACCUAAACCCCGGTGACT 19

RESULT 51  
PCT-US03-04741-243  
; Sequence 243, Application PC/TUS0304741  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
; TITLE OF INVENTION: (siNA)  
; FILE REFERENCE: 400/100 (MBHB02-1236-A)  
; CURRENT APPLICATION NUMBER: PCT/US03/04741  
; CURRENT FILING DATE: 2002-02-12  
; PRIOR APPLICATION NUMBER: US 60/429,359  
; PRIOR FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/406,784  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: US 60/408,378  
; PRIOR FILING DATE: 2002-09-05  
; PRIOR APPLICATION NUMBER: US 60/409,293  
; PRIOR FILING DATE: 2002-09-09  
; PRIOR APPLICATION NUMBER: US 60/440,129  
; PRIOR FILING DATE: 2003-01-15  
; NUMBER OF SEQ ID NOS: 500  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 243  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense  
PCT-US03-04741-243

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 68.4%; Pred. No. 89;  
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

Qy 1165 TGTCCTCACTTTCGGCTC 1183  
Db 1 UGUCCCAACUUUGGCGCUC 19

RESULT 52  
PCT-US03-04741-244  
; Sequence 244, Application PC/TUS0304741  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
; TITLE OF INVENTION: (siNA)  
; FILE REFERENCE: 400/100 (MBHB02-1236-A)  
; CURRENT APPLICATION NUMBER: PCT/US03/04741  
; CURRENT FILING DATE: 2002-02-12  
; PRIOR APPLICATION NUMBER: US 60/429,359  
; PRIOR FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/406,784  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: US 60/408,378  
; PRIOR FILING DATE: 2002-09-05  
; PRIOR APPLICATION NUMBER: US 60/409,293  
; PRIOR FILING DATE: 2002-09-09  
; PRIOR APPLICATION NUMBER: US 60/440,129  
; PRIOR FILING DATE: 2003-01-15  
; NUMBER OF SEQ ID NOS: 500  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 244  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense  
PCT-US03-04741-244

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 94.7%; Pred. No. 89;  
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1183 CCCGCGACAGAGGTGGCAC 1201  
Db 1 CCCGCGACAGAGGTGGCAC 19

RESULT 53  
PCT-US03-04741-245  
; Sequence 245, Application PC/TUS0304741  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
; TITLE OF INVENTION: (siNA)  
; FILE REFERENCE: 400/100 (MBHB02-1236-A)  
; CURRENT APPLICATION NUMBER: PCT/US03/04741  
; CURRENT FILING DATE: 2002-02-12

```
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 245
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-245

Query Match      0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 89;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1201 CCACCCATCAGGGGGTGTG 1219
      |||||:|||||:|
Db 1 CCACCCUAUCAGGGGGCUG 19

RESULT 54
PCT-US03-04741-246
; Sequence 246, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 246
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-246
```

```
Query Match      0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 89;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1219 GACCCCATCCTTGGGACAG 1237
      |||||:|||||:|
Db 1 GACCCCAUCCUUGGACAG 19

RESULT 55
PCT-US03-04741-247
; Sequence 247, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 247
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-247

Query Match      0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 89;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1237 GCCTCGCCTCCGACGCCA 1255
      |||||:|||||:|
Db 1 GCCCUCGCCUCCGACGCCA 19

RESULT 56
PCT-US03-04741-248
; Sequence 248, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
```



PRIOR APPLICATION NUMBER: US 60/358,580  
PRIOR FILING DATE: 2002-02-20  
PRIOR APPLICATION NUMBER: US 60/363,124  
PRIOR FILING DATE: 2002-03-11  
PRIOR APPLICATION NUMBER: US 60/386,782  
PRIOR FILING DATE: 2002-06-06  
PRIOR APPLICATION NUMBER: US 60/406,784  
PRIOR FILING DATE: 2002-08-29  
PRIOR APPLICATION NUMBER: US 60/408,378  
PRIOR FILING DATE: 2002-09-05  
PRIOR APPLICATION NUMBER: US 60/409,293  
PRIOR FILING DATE: 2002-09-09  
PRIOR APPLICATION NUMBER: US 60/440,129  
PRIOR FILING DATE: 2003-01-15  
NUMBER OF SEQ ID NOS: 500  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 248  
LENGTH: 19  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense  
PCT-US03-04741-248

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 89;  
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1255 ATCCCCAACCCCTTCAGA 1273  
DB 1 AUCCCCAACCCCTTCAGA 19

## RESULT 57

PCT-US03-04741-249  
Sequence 249, Application PC/TUS0304741  
GENERAL INFORMATION:  
APPLICANT: Sirna Therapeutics, Inc.  
APPLICANT: McSwiggen, James  
APPLICANT: Beigelman, Leonid  
TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
FILE REFERENCE: 400/100 (MBHB02-1236-A)  
CURRENT APPLICATION NUMBER: PCT/US03/04741  
PRIOR FILING DATE: 2002-02-12  
PRIOR APPLICATION NUMBER: US 60/429,359  
PRIOR FILING DATE: 2002-11-26  
PRIOR APPLICATION NUMBER: US 60/358,580  
PRIOR FILING DATE: 2002-02-20  
PRIOR APPLICATION NUMBER: US 60/363,124  
PRIOR FILING DATE: 2002-03-11  
PRIOR APPLICATION NUMBER: US 60/386,782  
PRIOR FILING DATE: 2002-06-06  
PRIOR APPLICATION NUMBER: US 60/406,784  
PRIOR FILING DATE: 2002-08-29  
PRIOR APPLICATION NUMBER: US 60/408,378  
PRIOR FILING DATE: 2002-09-05  
PRIOR APPLICATION NUMBER: US 60/409,293  
PRIOR FILING DATE: 2002-09-09  
PRIOR APPLICATION NUMBER: US 60/440,129  
PRIOR FILING DATE: 2003-01-15  
NUMBER OF SEQ ID NOS: 500  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 249  
LENGTH: 19  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense  
PCT-US03-04741-249

Query Match 0.9%; Score 19; DB 1; Length 19;

Best Local Similarity 94.7%; Pred. No. 89;  
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;  
QY 1273 AAGTGGAGGACAGCGCCC 1291  
DB 1 AAGUGGAGGACAGCGCCC 19

## RESULT 58

PCT-US03-04741-250  
Sequence 250, Application PC/TUS0304741  
GENERAL INFORMATION:  
APPLICANT: Sirna Therapeutics, Inc.  
APPLICANT: McSwiggen, James  
APPLICANT: Beigelman, Leonid  
TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
FILE REFERENCE: 400/100 (MBHB02-1236-A)  
CURRENT APPLICATION NUMBER: PCT/US03/04741  
PRIOR FILING DATE: 2002-02-12  
PRIOR APPLICATION NUMBER: US 60/429,359  
PRIOR FILING DATE: 2002-11-26  
PRIOR APPLICATION NUMBER: US 60/358,580  
PRIOR FILING DATE: 2002-02-20  
PRIOR APPLICATION NUMBER: US 60/363,124  
PRIOR FILING DATE: 2002-03-11  
PRIOR APPLICATION NUMBER: US 60/386,782  
PRIOR FILING DATE: 2002-06-06  
PRIOR APPLICATION NUMBER: US 60/406,784  
PRIOR FILING DATE: 2002-08-29  
PRIOR APPLICATION NUMBER: US 60/408,378  
PRIOR FILING DATE: 2002-09-05  
PRIOR APPLICATION NUMBER: US 60/409,293  
PRIOR FILING DATE: 2002-09-09  
PRIOR APPLICATION NUMBER: US 60/440,129  
PRIOR FILING DATE: 2003-01-15  
NUMBER OF SEQ ID NOS: 500  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 250  
LENGTH: 19  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense  
PCT-US03-04741-250

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 94.7%; Pred. No. 89;  
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1291 CACAGGCCACAGAGCCTAG 1309  
DB 1 CACAGGCCACAGAGCCTAG 19

## RESULT 59

PCT-US03-04741-342/c  
Sequence 342, Application PC/TUS0304741  
GENERAL INFORMATION:  
APPLICANT: Sirna Therapeutics, Inc.  
APPLICANT: McSwiggen, James  
APPLICANT: Beigelman, Leonid  
TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
FILE REFERENCE: 400/100 (MBHB02-1236-A)  
CURRENT APPLICATION NUMBER: PCT/US03/04741  
PRIOR FILING DATE: 2002-02-12  
PRIOR APPLICATION NUMBER: US 60/429,359  
PRIOR FILING DATE: 2002-11-26  
PRIOR APPLICATION NUMBER: US 60/358,580  
PRIOR FILING DATE: 2002-02-20

```

; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 342
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-342

Query Match      0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Gaps 0;

QY      733 GAGAAACAGAACCCGTGT 751
Db      19 GAGAAACAGAACCCGTGT 1

RESULT 60
PCT-US03-04741-343/c
; Sequence 343, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 343
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-343

Query Match      0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Gaps 0;

```

```

QY      751 TGCACCTGCCATGCAGGTT 769
Db      19 TGCACCTGCCATGCAGGTT 1

RESULT 61
PCT-US03-04741-344/c
; Sequence 344, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 344
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-344

Query Match      0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Gaps 0;

QY      769 TTCTTTCTAAGAGAAAACG 787
Db      19 TTCTTTCTAAGAGAAAACG 1

RESULT 62
PCT-US03-04741-345/c
; Sequence 345, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11

```

; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/406,784  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: US 60/408,378  
; PRIOR FILING DATE: 2002-09-05  
; PRIOR APPLICATION NUMBER: US 60/409,293  
; PRIOR FILING DATE: 2002-09-09  
; PRIOR APPLICATION NUMBER: US 60/440,129  
; PRIOR FILING DATE: 2003-01-15  
; NUMBER OF SEQ ID NOS: 500  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 345  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
PCT-US03-04741-345

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 89;  
Matches 19; Conservative 0; Mismatches 0; Gaps 0;

QY 787 GAGTGTCTCTCTGTAGTA 805  
|||  
Db 19 GAGTGTCTCTCTGTAGTA 1

RESULT 63  
PCT-US03-04741-346/c  
; Sequence 346, Application PC/TUS0304741  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
; TITLE OF INVENTION: (siNA)  
; FILE REFERENCE: 400/100 (MEHB02-1236-A)  
; CURRENT APPLICATION NUMBER: PCT/US03/04741  
; CURRENT FILING DATE: 2002-02-12  
; PRIOR APPLICATION NUMBER: US 60/429,359  
; PRIOR FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/406,784  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: US 60/408,378  
; PRIOR FILING DATE: 2002-09-05  
; PRIOR APPLICATION NUMBER: US 60/409,293  
; PRIOR FILING DATE: 2002-09-09  
; PRIOR APPLICATION NUMBER: US 60/440,129  
; PRIOR FILING DATE: 2003-01-15  
; NUMBER OF SEQ ID NOS: 500  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 346  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
PCT-US03-04741-346

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 89;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 805 AACTGTAAGAAAGCCTGG 823

Db 19 AACTGTAAGAAAGCCTGG 1  
|||

RESULT 64  
PCT-US03-04741-347/c  
; Sequence 347, Application PC/TUS0304741  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
; TITLE OF INVENTION: (siNA)  
; FILE REFERENCE: 400/100 (MEHB02-1236-A)  
; CURRENT APPLICATION NUMBER: PCT/US03/04741  
; CURRENT FILING DATE: 2002-02-12  
; PRIOR APPLICATION NUMBER: US 60/429,359  
; PRIOR FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/406,784  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: US 60/408,378  
; PRIOR FILING DATE: 2002-09-05  
; PRIOR APPLICATION NUMBER: US 60/409,293  
; PRIOR FILING DATE: 2002-09-09  
; PRIOR APPLICATION NUMBER: US 60/440,129  
; PRIOR FILING DATE: 2003-01-15  
; NUMBER OF SEQ ID NOS: 500  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 347  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
PCT-US03-04741-347

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 89;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 823 GAGTGCACGAAAGTTGTGCC 841  
|||

Db 19 GAGTGCACGAAAGTTGTGCC 1  
|||

RESULT 65  
PCT-US03-04741-348/c  
; Sequence 348, Application PC/TUS0304741  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
; TITLE OF INVENTION: (siNA)  
; FILE REFERENCE: 400/100 (MEHB02-1236-A)  
; CURRENT APPLICATION NUMBER: PCT/US03/04741  
; CURRENT FILING DATE: 2002-02-12  
; PRIOR APPLICATION NUMBER: US 60/429,359  
; PRIOR FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06

PRIOR APPLICATION NUMBER: US 60/406,784  
PRIOR FILING DATE: 2002-08-29  
PRIOR APPLICATION NUMBER: US 60/408,378  
PRIOR FILING DATE: 2002-09-05  
PRIOR APPLICATION NUMBER: US 60/409,293  
PRIOR FILING DATE: 2002-09-09  
PRIOR APPLICATION NUMBER: US 60/440,129  
PRIOR FILING DATE: 2003-01-15  
NUMBER OF SEQ ID NOS: 500  
SOFTWARE: Patentin version 3.2  
SEQ ID NO 348  
LENGTH: 19  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
PCT-US03-04741-348

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 89;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 841 CTACCCGAGTGGAGATG 859  
|||||  
DB 19 CTACCCGAGTGGAGATG 1

RESULT 66  
PCT-US03-04741-349/c  
Sequence 349, Application PC/TUS0304741  
GENERAL INFORMATION:  
APPLICANT: McSwiggen, James, Inc.  
APPLICANT: Beigelman, Leonid  
TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
FILE REFERENCE: 400/100 (MBH02-1236-A)  
CURRENT APPLICATION NUMBER: PCT/US03/04741  
CURRENT FILING DATE: 2002-02-12  
PRIOR APPLICATION NUMBER: US 60/429,359  
PRIOR FILING DATE: 2002-11-26  
PRIOR APPLICATION NUMBER: US 60/358,580  
PRIOR FILING DATE: 2002-02-20  
PRIOR APPLICATION NUMBER: US 60/363,124  
PRIOR FILING DATE: 2002-03-11  
PRIOR APPLICATION NUMBER: US 60/386,782  
PRIOR FILING DATE: 2002-06-06  
PRIOR APPLICATION NUMBER: US 60/406,784  
PRIOR FILING DATE: 2002-08-29  
PRIOR APPLICATION NUMBER: US 60/408,378  
PRIOR FILING DATE: 2002-09-05  
PRIOR APPLICATION NUMBER: US 60/409,293  
PRIOR FILING DATE: 2002-09-09  
PRIOR APPLICATION NUMBER: US 60/440,129  
PRIOR FILING DATE: 2003-01-15  
NUMBER OF SEQ ID NOS: 500  
SOFTWARE: Patentin version 3.2  
SEQ ID NO 349  
LENGTH: 19  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
PCT-US03-04741-349

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 89;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 859 GTTAAGGCACCTGAGGACT 877  
|||||  
DB 19 GTTAAGGCACCTGAGGACT 1

RESULT 67  
PCT-US03-04741-350/c  
Sequence 350, Application PC/TUS0304741  
GENERAL INFORMATION:  
APPLICANT: McSwiggen, James, Inc.  
APPLICANT: Beigelman, Leonid  
TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
FILE REFERENCE: 400/100 (MBH02-1236-A)  
CURRENT APPLICATION NUMBER: PCT/US03/04741  
CURRENT FILING DATE: 2002-02-12  
PRIOR APPLICATION NUMBER: US 60/429,359  
PRIOR FILING DATE: 2002-11-26  
PRIOR APPLICATION NUMBER: US 60/358,580  
PRIOR FILING DATE: 2002-02-20  
PRIOR APPLICATION NUMBER: US 60/363,124  
PRIOR FILING DATE: 2002-03-11  
PRIOR APPLICATION NUMBER: US 60/386,782  
PRIOR FILING DATE: 2002-06-06  
PRIOR APPLICATION NUMBER: US 60/406,784  
PRIOR FILING DATE: 2002-08-29  
PRIOR APPLICATION NUMBER: US 60/408,378  
PRIOR FILING DATE: 2002-09-05  
PRIOR APPLICATION NUMBER: US 60/409,293  
PRIOR FILING DATE: 2002-09-09  
PRIOR APPLICATION NUMBER: US 60/440,129  
PRIOR FILING DATE: 2003-01-15  
NUMBER OF SEQ ID NOS: 500  
SOFTWARE: Patentin version 3.2  
SEQ ID NO 350  
LENGTH: 19  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
PCT-US03-04741-350

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 89;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 877 TCAGGCACCACAGTGCTGT 895  
|||||  
DB 19 TCAGGCACCACAGTGCTGT 1

RESULT 68  
PCT-US03-04741-351/c  
Sequence 351, Application PC/TUS0304741  
GENERAL INFORMATION:  
APPLICANT: McSwiggen, James, Inc.  
APPLICANT: Beigelman, Leonid  
TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
FILE REFERENCE: 400/100 (MBH02-1236-A)  
CURRENT APPLICATION NUMBER: PCT/US03/04741  
CURRENT FILING DATE: 2002-02-12  
PRIOR APPLICATION NUMBER: US 60/429,359  
PRIOR FILING DATE: 2002-11-26  
PRIOR APPLICATION NUMBER: US 60/358,580  
PRIOR FILING DATE: 2002-02-20  
PRIOR APPLICATION NUMBER: US 60/363,124  
PRIOR FILING DATE: 2002-03-11  
PRIOR APPLICATION NUMBER: US 60/386,782  
PRIOR FILING DATE: 2002-06-06  
PRIOR APPLICATION NUMBER: US 60/406,784  
PRIOR FILING DATE: 2002-08-29

```

/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 500
/ SOFTWARE: Patent in version 3.2
/ SEQ ID NO 351
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Arti
PCT-US03-04741-351

```

; PRIOR APPLICATION NUMBER: US 60/409,293  
; PRIOR FILING DATE: 2002-09-09  
; PRIOR APPLICATION NUMBER: US 60/440,129  
; PRIOR FILING DATE: 2003-01-15  
; NUMBER OF SEQ ID NOS: 500  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 354  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
PCT-US03-04741-354

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 89;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 TTAATGTATCGCTACCAAC 967  
|||||  
Db 19 TTAATGTATCGCTACCAAC 1

## RESULT 72

PCT-US03-04741-355/c  
; Sequence 355, Application PC/TUS0304741  
; GENERAL INFORMATION:  
; APPLICANT: McSwiggen, James, Inc.  
; APPLICANT: McSwiggen, James, Inc.  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
; FILE REFERENCE: 400/100 (MBHB02-1236-A)  
; CURRENT APPLICATION NUMBER: PCT/US03/04741  
; CURRENT FILING DATE: 2002-02-12  
; PRIOR APPLICATION NUMBER: US 60/429,359  
; PRIOR FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/406,784  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: US 60/408,378  
; PRIOR FILING DATE: 2002-09-05  
; PRIOR APPLICATION NUMBER: US 60/409,293  
; PRIOR FILING DATE: 2002-09-09  
; PRIOR APPLICATION NUMBER: US 60/440,129  
; NUMBER OF SEQ ID NOS: 500  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 355  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
PCT-US03-04741-355

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 89;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 967 CGGTGGAAGTCCAGCTCT 985  
|||||  
Db 19 CGGTGGAAGTCCAGCTCT 1

## RESULT 73

PCT-US03-04741-356/c  
; Sequence 356, Application PC/TUS0304741  
; GENERAL INFORMATION:  
; APPLICANT: McSwiggen, James, Inc.  
; APPLICANT: McSwiggen, James, Inc.  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
; FILE REFERENCE: 400/100 (MBHB02-1236-A)  
; CURRENT APPLICATION NUMBER: PCT/US03/04741  
; CURRENT FILING DATE: 2002-02-12  
; PRIOR APPLICATION NUMBER: US 60/429,359  
; PRIOR FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/406,784  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: US 60/408,378  
; PRIOR FILING DATE: 2002-09-05  
; PRIOR APPLICATION NUMBER: US 60/409,293  
; PRIOR FILING DATE: 2002-09-09  
; PRIOR APPLICATION NUMBER: US 60/440,129  
; NUMBER OF SEQ ID NOS: 500  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 356  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
PCT-US03-04741-356

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 89;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 967 CGGTGGAAGTCCAGCTCT 985  
|||||  
Db 19 CGGTGGAAGTCCAGCTCT 1

## RESULT 74

PCT-US03-04741-357/c  
; Sequence 357, Application PC/TUS0304741  
; GENERAL INFORMATION:  
; APPLICANT: McSwiggen, James, Inc.  
; APPLICANT: McSwiggen, James, Inc.  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
; FILE REFERENCE: 400/100 (MBHB02-1236-A)  
; CURRENT APPLICATION NUMBER: PCT/US03/04741  
; CURRENT FILING DATE: 2002-02-12  
; PRIOR APPLICATION NUMBER: US 60/429,359  
; PRIOR FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/406,784  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: US 60/408,378  
; PRIOR FILING DATE: 2002-09-05  
; PRIOR APPLICATION NUMBER: US 60/409,293  
; PRIOR FILING DATE: 2002-09-09

; Sequence 356, Application PC/TUS0304741  
; GENERAL INFORMATION:  
; APPLICANT: McSwiggen, James, Inc.  
; APPLICANT: McSwiggen, James, Inc.  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
; FILE REFERENCE: 400/100 (MBHB02-1236-A)  
; CURRENT APPLICATION NUMBER: PCT/US03/04741  
; CURRENT FILING DATE: 2002-02-12  
; PRIOR APPLICATION NUMBER: US 60/429,359  
; PRIOR FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/406,784  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: US 60/408,378  
; PRIOR FILING DATE: 2002-09-05  
; PRIOR APPLICATION NUMBER: US 60/409,293  
; PRIOR FILING DATE: 2002-09-09  
; PRIOR APPLICATION NUMBER: US 60/440,129  
; NUMBER OF SEQ ID NOS: 500  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 356  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
PCT-US03-04741-356

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 89;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 985 TACTCCATTGTTGTGGGA 1003  
|||||  
Db 19 TACTCCATTGTTGTGGGA 1

## RESULT 74

PCT-US03-04741-357/c  
; Sequence 357, Application PC/TUS0304741  
; GENERAL INFORMATION:  
; APPLICANT: McSwiggen, James, Inc.  
; APPLICANT: McSwiggen, James, Inc.  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
; FILE REFERENCE: 400/100 (MBHB02-1236-A)  
; CURRENT APPLICATION NUMBER: PCT/US03/04741  
; CURRENT FILING DATE: 2002-02-12  
; PRIOR APPLICATION NUMBER: US 60/429,359  
; PRIOR FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/406,784  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: US 60/408,378  
; PRIOR FILING DATE: 2002-09-05  
; PRIOR APPLICATION NUMBER: US 60/409,293  
; PRIOR FILING DATE: 2002-09-09

```
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 357
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-357

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1003 AAATCGACACCTGAAAAAG 1021
Db 19 AAATCGACACCTGAAAAAG 1

RESULT 75
PCT-US03-04741-358/c
; Sequence 358, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 358
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-358

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1021 GAGGGGAGCTTGAAGAA 1039
Db 19 GAGGGGAGCTTGAAGAA 1

RESULT 76
PCT-US03-04741-359/c
; Sequence 359, Application PC/TUS0304741
; GENERAL INFORMATION:
```

```
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 359
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-359

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1039 ACTACTACTAAGCCCTGG 1057
Db 19 ACTACTACTAAGCCCTGG 1

RESULT 77
PCT-US03-04741-360/c
; Sequence 360, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
```

```
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 360
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-360

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1057 GCCCCAAACCCAGGCTTCA 1075
Db 19 GCCCCAAACCCAGGCTTCA 1

RESULT 78
PCT-US03-04741-361/c
; Sequence 361, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; PRIOR FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 361
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-361

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1075 AGTCCCACTCCAGGCTTCA 1093
Db 19 AGTCCCACTCCAGGCTTCA 1

RESULT 79
PCT-US03-04741-362/c
; Sequence 362, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
```

```
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; PRIOR FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 362
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-362

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1093 ACCCCACCCCTGGGCTTCA 1111
Db 19 ACCCCACCCCTGGGCTTCA 1

RESULT 80
PCT-US03-04741-363/c
; Sequence 363, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; PRIOR FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
```



```
; SEQ ID NO 363
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-363

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1111 AGTCCCGTGGCCAGTTCCA 1129
Db 19 AGTCCCGTGGCCAGTTCCA 1

RESULT 81
PCT-US03-04741-364/c
; Sequence 364, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 364
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-364

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1129 ACCTTCACCTCCAGTTCCA 1147
Db 19 ACCTTCACCTCCAGTTCCA 1

RESULT 82
PCT-US03-04741-365/c
; Sequence 365, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
```

```
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 365
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-365

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1147 ACCTATACCCCGGTGACT 1165
Db 19 ACCTATACCCCGGTGACT 1

RESULT 83
PCT-US03-04741-366/c
; Sequence 366, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 366
; LENGTH: 19
```

```
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-366

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1165 TGTCCTCACTTTGGGGCTC 1183
      |||||
Db 19 TGTCCTCACTTTGGGGCTC 1

RESULT 84
PCT-US03-04741-367/c
; Sequence 367, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 367
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-367

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1201 CCACCTATCAGGGGGCTG 1219
      |||||
Db 19 CCACCTATCAGGGGGCTG 1

RESULT 86
PCT-US03-04741-369/c
; Sequence 369, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 367
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-367

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1183 CCCCACAGAGGTGGCAC 1201
      |||||
Db 19 CCCCACAGAGGTGGCAC 1

RESULT 85
PCT-US03-04741-368/c
; Sequence 368, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
```

```
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 368
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-368

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1201 CCACCTATCAGGGGGCTG 1219
      |||||
Db 19 CCACCTATCAGGGGGCTG 1

RESULT 86
PCT-US03-04741-369/c
; Sequence 369, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 369
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
```

```
/
/
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-369

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1237 GACCCATCCTCGACAC 1237
Db 19 GACCCATCCTCGACAC 1

RESULT 87
PCT-US03-04741-370/c
/ Sequence 370, Application PC/TUS0304741
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Beigelman, Leonid
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
/ TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
/ FILE REFERENCE: 400/100 (MBHB02-1236-A)
/ CURRENT APPLICATION NUMBER: PCT/US03/04741
/ CURRENT FILING DATE: 2002-02-12
/ PRIOR APPLICATION NUMBER: US 60/429,359
/ PRIOR FILING DATE: 2002-11-26
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 500
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 370
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-371

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1255 ATCCCAACCCCTTCAGA 1273
Db 19 ATCCCAACCCCTTCAGA 1

RESULT 89
PCT-US03-04741-372/c
/ Sequence 372, Application PC/TUS0304741
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Beigelman, Leonid
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
/ TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
/ FILE REFERENCE: 400/100 (MBHB02-1236-A)
/ CURRENT APPLICATION NUMBER: PCT/US03/04741
/ CURRENT FILING DATE: 2002-02-12
/ PRIOR APPLICATION NUMBER: US 60/429,359
/ PRIOR FILING DATE: 2002-11-26
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 500
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 370
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-370

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1237 GCCTCGCTCGACCCCA 1255
Db 19 GCCTCGCTCGACCCCA 1

RESULT 88
PCT-US03-04741-371/c
/ Sequence 371, Application PC/TUS0304741
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Beigelman, Leonid
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
/ TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
/ FILE REFERENCE: 400/100 (MBHB02-1236-A)
/ CURRENT APPLICATION NUMBER: PCT/US03/04741
```

```
/
/
/ CURRENT FILING DATE: 2002-02-12
/ PRIOR APPLICATION NUMBER: US 60/429,359
/ PRIOR FILING DATE: 2002-11-26
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 500
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 371
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-371

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1255 ATCCCAACCCCTTCAGA 1273
Db 19 ATCCCAACCCCTTCAGA 1

RESULT 89
PCT-US03-04741-372/c
/ Sequence 372, Application PC/TUS0304741
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Beigelman, Leonid
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
/ TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
/ FILE REFERENCE: 400/100 (MBHB02-1236-A)
/ CURRENT APPLICATION NUMBER: PCT/US03/04741
/ CURRENT FILING DATE: 2002-02-12
/ PRIOR APPLICATION NUMBER: US 60/429,359
/ PRIOR FILING DATE: 2002-11-26
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/406,784
/ PRIOR FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: US 60/408,378
/ PRIOR FILING DATE: 2002-09-05
/ PRIOR APPLICATION NUMBER: US 60/409,293
/ PRIOR FILING DATE: 2002-09-09
/ PRIOR APPLICATION NUMBER: US 60/440,129
/ PRIOR FILING DATE: 2003-01-15
/ NUMBER OF SEQ ID NOS: 500
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 372
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-371
```

PCT-US03-04741-372

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 89;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1273 AAGTGGGAGGACAGCGCCC 1291  
|||||  
Db 19 AAGTGGGAGGACAGCGCCC 1

RESULT 90

PCT-US03-04741-373/c  
; Sequence 373, Application PC/TUS0304741  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor  
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid  
; TITLE OF INVENTION: (sRNA)  
; FILE REFERENCE: 400/100 (MBHB02-1236-A)  
; CURRENT APPLICATION NUMBER: PCT/US03/04741  
; CURRENT FILING DATE: 2002-02-12  
; PRIOR APPLICATION NUMBER: US 60/429,359  
; PRIOR FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/406,784  
; PRIOR FILING DATE: 2002-08-29  
; PRIOR APPLICATION NUMBER: US 60/408,378  
; PRIOR FILING DATE: 2002-09-05  
; PRIOR APPLICATION NUMBER: US 60/409,293  
; PRIOR FILING DATE: 2002-09-09  
; PRIOR APPLICATION NUMBER: US 60/440,129  
; PRIOR FILING DATE: 2003-01-15  
; NUMBER OF SEQ ID NOS: 500  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 373  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siRNA antisense region  
PCT-US03-04741-373

Query Match 0.9%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 89;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1291 CACAAGCCACAGAGCGCTAG 1309  
|||||  
Db 19 CACAAGCCACAGAGCGCTAG 1

RESULT 91

US-08-529-190A-16  
; Sequence 16, Application US/08529190A  
; GENERAL INFORMATION:  
; APPLICANT: Masucci, Maria G.  
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES  
; TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM  
; NUMBER OF SEQUENCES: 63  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Allegretti  
; STREET: 75 State Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA

ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: Wordperfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/529,190A  
; FILING DATE: 15-SEP-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Williams, Ph.D., Kathleen A  
; REGISTRATION NUMBER: 34,380  
; REFERENCE/DOCKET NUMBER: THERE-005AX  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-345-9100  
; TELEFAX: 617-345-9111  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 16:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic DNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:  
; ORIGINAL SOURCE:  
US-08-529-190A-16

Query Match 0.9%; Score 18.8; DB 1; Length 24;  
Best Local Similarity 90.9%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAGCTCCA 1147  
|||||  
Db 2 TCCACCCGCGACCTCCAGCTCCA 23

RESULT 92

US-08-733-369A-72  
; Sequence 72, Application US/08733369A  
; GENERAL INFORMATION:  
; APPLICANT: Masucci, Maria G.  
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES CONFERRING  
; TITLE OF INVENTION: INVISIBILITY TO THE IMMUNE SYSTEM.  
; NUMBER OF SEQUENCES: 123  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.  
; STREET: One Financial Center  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Wordperfect 6.1a  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/733,369A  
; FILING DATE: 17 October, 1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/522,995  
; FILING DATE: 01-SEP-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/529,190  
; FILING DATE: 15-SEP-1995  
; PRIOR APPLICATION DATA:

```

; APPLICATION NUMBER: SE 95013249
; FILING DATE: 10-APR-1995
; PRIOR APPLICATION NUMBER: PCT/GB96/00876
; FILING DATE: 10-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 95-1391-D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
; INFORMATION FOR SEQ ID NO: 72:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-08-733-369A-72

Query Match          0.9%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAGCTCCA 1147
DB 2 TCCACCGCACCTCCAGCTCCA 23

RESULT 94
US-10-719-900-208603/c
; Sequence 208603, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 208603
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; US-10-719-900-208603

Query Match          0.9%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1020 AGAGGGGAGCTTGAAGGAAGTACT 1044
DB 25 AGAGGGGTATCATGAAAGAACTACT 1

RESULT 95
US-10-719-900-485674
; Sequence 485674, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 485674
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; US-10-719-900-485674

Query Match          0.9%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 871 GAGGACTCAGGCACACAGTGTGT 895
DB 1 GAGGACTCAGGCACACAAAGTGT 25

RESULT 96
US-10-719-900-485675
; Sequence 485675, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1

```

```

; APPLICATION NUMBER: SE 95013249
; FILING DATE: 10-APR-1995
; PRIOR APPLICATION NUMBER: PCT/GB96/00876
; FILING DATE: 10-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 95-1391-D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
; INFORMATION FOR SEQ ID NO: 72:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-08-733-369A-72

Query Match          0.9%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAGCTCCA 1147
DB 2 TCCACCGCACCTCCAGCTCCA 23

RESULT 93
US-08-970-900-63
; Sequence 63, Application US/08970900
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: FUSION PROTEINS HAVING INCREASED HALF-LIVES.
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/970,900
; FILING DATE: 14-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/030,986
; FILING DATE: 15-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,945
; FILING DATE: 25-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3255/59831
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-08-970-900-63

```

```
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 485675
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-485675

Query Match
Best Local Similarity 0.9%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 871 GAGGACTCAGGCACACACAGTGTGT 895
Db 1 GAGGACTCAGGCACACACAGTGT 25

RESULT 97
US-10-719-956-134336
; Sequence 134336, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 134336
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-134336

Query Match
Best Local Similarity 0.9%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 980 AGCTCTACTCCATGTTGTGGGAA 1004
Db 1 AGCTCTACACCTGTTTCTGAGAA 25

RESULT 98
US-10-719-956-169282
; Sequence 169282, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 169282
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-169282

Query Match
Best Local Similarity 0.9%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 780 AGAAACGAGTGTCTCTCTGTAGT 804
Db 1 AGAAACGAGTGTCTCTCTGTAGT 804
```

```
Db 1 ATRAGACCAGTGTCTCTCTGTAGT 25

RESULT 99
US-60-427-808-208603/c
; Sequence 208603, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 208603
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-208603

Query Match
Best Local Similarity 0.9%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1020 AGAGGGGAGCTTGAAGGAAGTACT 1044
Db 25 AGAGGGGTATCATGAAGGAAGTACT 1

RESULT 100
US-60-427-808-485674
; Sequence 485674, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 485674
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-485674

Query Match
Best Local Similarity 0.9%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 871 GAGGACTCAGGCACACAGTGTGT 895
Db 1 GAGGACTCAGGCACACACAGTGT 25

RESULT 101
US-60-427-808-485675
; Sequence 485675, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 485675
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-485675
```

```
Query Match          0.9%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 871 GAGGACTCAGGACACACAGTGTGT 895
Db 1 GAGGACTCAGGACACACAAAGCTGT 25

RESULT 102
US-60-427-836-134336
; Sequence 134336, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 134336
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-134336

Query Match          0.9%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 980 AGCTTACTCCATCTTTGTGGGA 1004
Db 1 AGCTTACACCCCTTTTCTGAGAA 25

RESULT 103
US-60-427-836-169282
; Sequence 169282, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 169282
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-169282

Query Match          0.9%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 780 AGAAACGAGTGTCTCCCTGTAGT 804
Db 1 ATAGACCAAGTGTCTCTCCTGTAGT 25

RESULT 104
US-60-507-511-66945/c
; Sequence 66945, Application US/60507511
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; FILE REFERENCE: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
; FILE REFERENCE: AM 101081
; CURRENT APPLICATION NUMBER: US/60/507,511
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 203623
```

```
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 66945
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-507-511-66945

Query Match          0.9%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 829 ACGAAGTTGTGCTACCCACAGATTC 853
Db 25 ACCAATTTGTGCTGCCCCAGATAG 1

RESULT 105
PCT-US02-09771-128/c
; Sequence 128, Application PC/TUS0209771
; GENERAL INFORMATION:
; APPLICANT: Clontech Laboratories, Inc.
; TITLE OF INVENTION: Methods of detecting multiple DNA
; TITLE OF INVENTION: binding protein and DNA interactions in a sample, and
; FILE REFERENCE: CLON-071WO
; CURRENT APPLICATION NUMBER: PCT/US02/09771
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: 60/280,658
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 60/314,330
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 128
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
PCT-US02-09771-128

Query Match          0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1183 CCGCGCAGAGAGTGGCACCACC 1205
Db 23 CGCGCAGAGAGTGGCAGCTGCC 1

RESULT 106
US-10-113-877-128/c
; Sequence 128, Application US/10113877
; GENERAL INFORMATION:
; APPLICANT: Fang, Yu
; APPLICANT: Wang, Xiaoyang
; APPLICANT: Turpin, Pierre
; TITLE OF INVENTION: Methods of detecting multiple DNA
; TITLE OF INVENTION: binding protein and DNA interactions in a sample, and
; FILE REFERENCE: CLON-071
; CURRENT APPLICATION NUMBER: US/10/113,877
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: 60/280,658
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 60/314,330
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 128
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
;
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-113-877-128

Query Match          0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1183 CCCGCGAGAGGTGGCACCACC 1205
Db 23 CGCGCAGAGAGGTGGCACTGCC 1

RESULT 107
US-10-464-609-12
; Sequence 12, Application US/10464609
; GENERAL INFORMATION:
; APPLICANT: KYNDT, John, Jozef Armand
; APPLICANT: VAN BREUMEN, Jozef
; TITLE OF INVENTION: Novel Methods For Synthesis of
; FILE REFERENCE: Holo-Photoactive Yellow Protein
; CURRENT APPLICATION NUMBER: US/10/464,609
; PRIOR FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: US 60/389,593
; PRIOR FILING DATE: 2002-06-18
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Fast-Seq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-464-609-12

Query Match          0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1065 CCCAGCTTCAGTCCCACTCCAG-1087
Db 1 CGCAAGCTTCAGTCCCAATCCCG 23

RESULT 108
US-07-954-185A-33/c
; Sequence 33, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; FILE REFERENCE: Sequence
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-954-185A-34

Query Match          0.8%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1244 CCTCCGACCCCATCCCAACCCC 1266
Db 25 CCCCCAACCCCAACCCCAACCCC 3

RESULT 109
US-07-954-185A-34/c
; Sequence 34, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; FILE REFERENCE: Sequence
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-954-185A-34

Query Match          0.8%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1244 CCTCCGACCCCATCCCAACCCC 1266
Db 25 CCCCCAACCCCAACCCCAACCCC 3
```



Db 25 CCCCCAACCCCAACCCCAACCCC 3

RESULT 110  
US-09-299-058-33/c  
; Sequence 33, Application US/09299058  
; GENERAL INFORMATION:  
; APPLICANT: Hanecek et al.  
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
; NUMBER OF SEQUENCES: 146  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/299,058  
; FILING DATE: 23-Apr-1999  
; CLASSIFICATION: N/A  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/403,888  
; FILING DATE: 12-JUNE-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Paul K. Legard  
; REGISTRATION NUMBER: 38,534  
; REFERENCE/DOCKET NUMBER: ISIS-1229  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 33:  
; SEQUENCE DESCRIPTION: SEQ ID NO: 33:  
US-09-299-058-33

Query Match 0.8%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1244 CTTCCGACCCCATCCCAACCCC 1266  
Db 25 CCCCCAACCCCAACCCCAACCCC 3

RESULT 111  
US-09-299-058-34/c  
; Sequence 34, Application US/09299058  
; GENERAL INFORMATION:  
; APPLICANT: Hanecek et al.  
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
; NUMBER OF SEQUENCES: 146  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible

Query Match 0.8%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1244 CTTCCGACCCCATCCCAACCCC 1266  
Db 25 CCCCCAACCCCAACCCCAACCCC 3

RESULT 112  
US-09-953-115A-1786/c  
; Sequence 1786, Application US/09953115A  
; GENERAL INFORMATION:  
; APPLICANT: Mittmann, Michael  
; TITLE OF INVENTION: Methods of Analysis of Human Genes  
; FILE REFERENCE: 3111.1  
; CURRENT APPLICATION NUMBER: US/09/953,115A  
; CURRENT FILING DATE: 2001-09-13  
; PRIOR FILING DATE: 2000-09-14  
; NUMBER OF SEQ ID NOS: 33029  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 1786  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-09-953-115A-1786

Query Match 0.8%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1067 CAAGCTTCAGTCCCACTCCAGGC 1089  
Db 24 CAGGCTTCAGTCCCACTCCGGGC 2

RESULT 113  
US-09-953-115A-21731/c  
; Sequence 21731, Application US/09953115A  
; GENERAL INFORMATION:  
; APPLICANT: Mittmann, Michael  
; TITLE OF INVENTION: Methods of Analysis of Human Genes  
; FILE REFERENCE: 3111.1  
; CURRENT APPLICATION NUMBER: US/09/953,115A  
; CURRENT FILING DATE: 2001-09-13  
; PRIOR FILING DATE: 2000-09-14



Db 25 CCGACCCCTTCTTGGCAGATC 3

RESULT 119  
US-60-427-836-535328  
; Sequence 535328, Application US/60427836  
; GENERAL INFORMATION:  
; APPLICANT: Xue Mei Zhou  
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat  
; FILE REFERENCE: 3527  
; CURRENT APPLICATION NUMBER: US/60/427,836  
; CURRENT FILING DATE: 2002-11-20  
; NUMBER OF SEQ ID NOS: 699466  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 535328  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Rattus norvegicus  
US-60-427-836-535328

Query Match 0.8%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTTCTTGGTCTTGGCTTTGA 930  
||||| ||||| ||||| ||||| |||||  
Db 2 TTTTCTTGGTCTTAGCCTTTGA 24

RESULT 120  
US-60-507-511-171767/c  
; Sequence 171767, Application US/60507511  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: Mounts, William M  
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH  
; TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES  
; FILE REFERENCE: AM 101081  
; CURRENT APPLICATION NUMBER: US/60/507,511  
; CURRENT FILING DATE: 2003-10-02  
; NUMBER OF SEQ ID NOS: 203623  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 171767  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-60-507-511-171767

Query Match 0.8%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1067 CAGCTTCAGTCCCACTCCAGGC 1089  
||||| ||||| ||||| ||||| |||||  
Db 24 CAGCTTCAGTCCCACTCCGGC 2

RESULT 121  
US-08-192-861-15/c  
; Sequence 15, Application US/08192861  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter E.  
; APPLICANT: Grayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott A.  
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES  
; TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Broadway and Neimark  
; STREET: 419 Seventh Street, N.W.

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852  
||||| ||||| ||||| ||||| |||||  
Db 18 TTGTGCTACCCAGATT 1

RESULT 122  
US-08-442-133-10/c  
; Sequence 10, Application US/08442133  
; GENERAL INFORMATION:  
; APPLICANT: Scallon, Bernard  
; APPLICANT: Grayeb, John  
; TITLE OF INVENTION: IMMUNORECEPTOR MOLECULES SPECIFIC  
; TITLE OF INVENTION: FOR TUMOR NECROSIS FACTOR  
; NUMBER OF SEQUENCES: 21  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
; STREET: Two Militia Drive  
; CITY: Lexington  
; STATE: MA  
; COUNTRY: US  
; ZIP: 02173  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/192,861  
; FILING DATE: 04-FEB-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/013,413  
; FILING DATE: 02-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/010,406  
; FILING DATE: 29-JAN-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/943,852  
; FILING DATE: 11-SEP-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/853,606  
; FILING DATE: 18-MAR-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/670,827  
; FILING DATE: 18-MAR-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: TOWNSEND, G. Kevin  
; REGISTRATION NUMBER: 34,033  
; REFERENCE/DOCKET NUMBER: LE1/VILCEK-3E  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 15:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cdna  
US-08-192-861-15

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,133
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/010,406
; FILING DATE: January 29, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: CTR93-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ANTI-SENSE: NO
;
US-08-442-133-10
```

```

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCGAGATT 852
DB 18 TTGTGCTACCCGAGATT 1
```

```

RESULT 123
US-08-570-674-15/c
; Sequence 15, Application US/08570674
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vliceck, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
; TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/570,674
; FILING DATE: 11-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/324,799
; FILING DATE: 18-OCT-1994
; APPLICATION INFORMATION:
; APPLICATION NUMBER: 08/192,093
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,102
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,861
; FILING DATE: 04-FEB-1994
```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/853,606
; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/670,827
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M4A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
;
US-08-570-674-15
```

```

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCGAGATT 852
DB 18 TTGTGCTACCCGAGATT 1
```

```

RESULT 124
US-09-695-451-47/c
; Sequence 47, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-695-451-47
```

```

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 732 GGAGAAACAGAACCGT 749
DB 18 GGAGAAACAGAACCGT 1
```

RESULT 125  
 US-09-695-451-48/c  
 ; Sequence 48, Application US/09695451  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Brenda F. Baker  
 ; APPLICANT: Lex M. Cowsett  
 ; APPLICANT: Hong Zhang  
 ; APPLICANT: Nicholas M. Dean  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
 ; FILE REFERENCE: ISPH-0518  
 ; CURRENT APPLICATION NUMBER: US/09/695,451  
 ; PRIOR FILING DATE: 2000-10-24  
 ; PRIOR APPLICATION NUMBER: US 09/106,038  
 ; PRIOR FILING DATE: 1998-06-26  
 ; PRIOR APPLICATION NUMBER: PCT/US99/13763  
 ; PRIOR FILING DATE: 1999-06-17  
 ; NUMBER OF SEQ ID NOS: 246  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 48  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-695-451-48

Query Match 0.8%; Score 18; DB 1; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 786 CGAGTGTGTCCTCTGTAG 803  
 Db 18 CGAGTGTGTCCTCTGTAG 1

RESULT 126  
 US-09-695-451-49/c  
 ; Sequence 49, Application US/09695451  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Brenda F. Baker  
 ; APPLICANT: Lex M. Cowsett  
 ; APPLICANT: Hong Zhang  
 ; APPLICANT: Nicholas M. Dean  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
 ; FILE REFERENCE: ISPH-0518  
 ; CURRENT APPLICATION NUMBER: US/09/695,451  
 ; PRIOR FILING DATE: 2000-10-24  
 ; PRIOR APPLICATION NUMBER: US 09/106,038  
 ; PRIOR FILING DATE: 1998-06-26  
 ; PRIOR APPLICATION NUMBER: PCT/US99/13763  
 ; PRIOR FILING DATE: 1999-06-17  
 ; NUMBER OF SEQ ID NOS: 246  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 49  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-695-451-49

Query Match 0.8%; Score 18; DB 1; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 796 TCCTGTAGTACTGTAG 813  
 Db 18 TCCTGTAGTACTGTAG 1

RESULT 127

US-09-695-451-50/c  
 ; Sequence 50, Application US/09695451  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Brenda F. Baker  
 ; APPLICANT: Lex M. Cowsett  
 ; APPLICANT: Hong Zhang  
 ; APPLICANT: Nicholas M. Dean  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
 ; FILE REFERENCE: ISPH-0518  
 ; CURRENT APPLICATION NUMBER: US/09/695,451  
 ; PRIOR FILING DATE: 2000-10-24  
 ; PRIOR APPLICATION NUMBER: US 09/106,038  
 ; PRIOR FILING DATE: 1998-06-26  
 ; PRIOR APPLICATION NUMBER: PCT/US99/13763  
 ; PRIOR FILING DATE: 1999-06-17  
 ; NUMBER OF SEQ ID NOS: 246  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 50  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-695-451-50

Query Match 0.8%; Score 18; DB 1; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 802 AGTAACCTGTAAGAAAGC 819  
 Db 18 AGTAACCTGTAAGAAAGC 1

RESULT 128  
 US-09-695-451-51/c  
 ; Sequence 51, Application US/09695451  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Brenda F. Baker  
 ; APPLICANT: Lex M. Cowsett  
 ; APPLICANT: Hong Zhang  
 ; APPLICANT: Nicholas M. Dean  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
 ; FILE REFERENCE: ISPH-0518  
 ; CURRENT APPLICATION NUMBER: US/09/695,451  
 ; CURRENT FILING DATE: 2000-10-24  
 ; PRIOR APPLICATION NUMBER: US 09/106,038  
 ; PRIOR FILING DATE: 1998-06-26  
 ; PRIOR APPLICATION NUMBER: PCT/US99/13763  
 ; PRIOR FILING DATE: 1999-06-17  
 ; NUMBER OF SEQ ID NOS: 246  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 51  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-695-451-51

Query Match 0.8%; Score 18; DB 1; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 807 CTGTAAGAAAGCCTGGA 824  
 Db 18 CTGTAAGAAAGCCTGGA 1

RESULT 129  
 US-09-695-451-52/c  
 ; Sequence 52, Application US/09695451  
 ; GENERAL INFORMATION:

```
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-52
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 845 CCCAGATTGAGAAATGTTA 862
Db 18 CCCAGATTGAGAAATGTTA 1
```

```
RESULT 130
US-09-695-451-53/c
; Sequence 53, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-53
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 873 GGACTCAGGCACCACT 890
Db 18 GGACTCAGGCACCACT 1
```

```
RESULT 131
US-09-695-451-54/c
; Sequence 54, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
```

```
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 54
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-54
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 906 CATTTCTTGTCTTTG 923
Db 18 CATTTCTTGTCTTTG 1
```

```
RESULT 132
US-09-695-451-55/c
; Sequence 55, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 55
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-55
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 911 TCTTTGTCTTTGCTTT 928
Db 18 TCTTTGTCTTTGCTTT 1
```

```
RESULT 133
US-09-695-451-56/c
; Sequence 56, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
```

```
/ CURRENT APPLICATION NUMBER: US/09/695,451
/ CURRENT FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 09/106,038
/ PRIOR FILING DATE: 1998-06-26
/ PRIOR APPLICATION NUMBER: PCT/US99/13763
/ PRIOR FILING DATE: 1999-06-17
/ NUMBER OF SEQ ID NOS: 246
/ SOFTWARE: FastSEQ for Windows Version 4.0
/ SEQ ID NO 56
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-56
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 921 TTGCTTTTATCCCTCCT 938
| | | | | | | | | | | | | | | |
Db 18 TTGCTTTTATCCCTCCT 1
```

```
RESULT 134
US-09-695-451-57/c
/ Sequence 57, Application US/09695451
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Lex M. Cowser
/ APPLICANT: Hong Zhang
/ APPLICANT: Nicholas M. Dean
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
/ FILE REFERENCE: ISPH-0518
/ CURRENT APPLICATION NUMBER: US/09/695,451
/ CURRENT FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 09/106,038
/ PRIOR FILING DATE: 1998-06-26
/ PRIOR APPLICATION NUMBER: PCT/US99/13763
/ PRIOR FILING DATE: 1999-06-17
/ NUMBER OF SEQ ID NOS: 246
/ SOFTWARE: FastSEQ for Windows Version 4.0
/ SEQ ID NO 57
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-57
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 929 TATCCCTCCTCTTCATTG 946
| | | | | | | | | | | | | | | |
Db 18 TATCCCTCCTCTTCATTG 1
```

```
RESULT 135
US-09-695-451-58/c
/ Sequence 58, Application US/09695451
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Lex M. Cowser
/ APPLICANT: Hong Zhang
/ APPLICANT: Nicholas M. Dean
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
/ FILE REFERENCE: ISPH-0518
/ CURRENT APPLICATION NUMBER: US/09/695,451
/ CURRENT FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 09/106,038
```

```
/ PRIOR FILING DATE: 1998-06-26
/ PRIOR APPLICATION NUMBER: PCT/US99/13763
/ PRIOR FILING DATE: 1999-06-17
/ NUMBER OF SEQ ID NOS: 246
/ SOFTWARE: FastSEQ for Windows Version 4.0
/ SEQ ID NO 58
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-58
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 935 TCCCTTCATTGGTTTAA 952
| | | | | | | | | | | | | | | |
Db 18 TCCCTTCATTGGTTTAA 1
```

```
RESULT 136
US-09-695-451-59/c
/ Sequence 59, Application US/09695451
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Lex M. Cowser
/ APPLICANT: Hong Zhang
/ APPLICANT: Nicholas M. Dean
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
/ FILE REFERENCE: ISPH-0518
/ CURRENT APPLICATION NUMBER: US/09/695,451
/ CURRENT FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 09/106,038
/ PRIOR FILING DATE: 1998-06-26
/ PRIOR APPLICATION NUMBER: PCT/US99/13763
/ PRIOR FILING DATE: 1999-06-17
/ NUMBER OF SEQ ID NOS: 246
/ SOFTWARE: FastSEQ for Windows Version 4.0
/ SEQ ID NO 59
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-59
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 952 ATGTATCGTCTACCAACGG 969
| | | | | | | | | | | | | | | |
Db 18 ATGTATCGTCTACCAACGG 1
```

```
RESULT 137
US-09-695-451-60/c
/ Sequence 60, Application US/09695451
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Lex M. Cowser
/ APPLICANT: Hong Zhang
/ APPLICANT: Nicholas M. Dean
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
/ FILE REFERENCE: ISPH-0518
/ CURRENT APPLICATION NUMBER: US/09/695,451
/ CURRENT FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 09/106,038
/ PRIOR FILING DATE: 1998-06-26
/ PRIOR APPLICATION NUMBER: PCT/US99/13763
/ PRIOR FILING DATE: 1999-06-17
```

```
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 60
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-60
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 992 TTGTTCTGGGAATCGA 1009
| | | | | | | | | | | | | | | |
DB 18 TTGTTCTGGGAATCGA 1
```

```
RESULT 138
US-09-695-451-61/c
; Sequence 61, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 61
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-61
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1033 GAAGGAAGTACTACTAAG 1050
| | | | | | | | | | | | | | | |
DB 18 GAAGGAAGTACTACTAAG 1
```

```
RESULT 139
US-09-695-451-62/c
; Sequence 62, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 62
```

```
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-62
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1075 AGTCCCACTCCAGGCTTC 1092
| | | | | | | | | | | | | | | |
DB 18 AGTCCCACTCCAGGCTTC 1
```

```
RESULT 140
US-09-695-451-63/c
; Sequence 63, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 63
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-63
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1098 CACCTGGGCTTCAGTCC 1115
| | | | | | | | | | | | | | | |
DB 18 CACCTGGGCTTCAGTCC 1
```

```
RESULT 141
US-09-695-451-64/c
; Sequence 64, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
```



; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-695-451-64

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1113 TGCCGTCGCCAGTTCAC 1130  
|||||  
Db 18 TGCCGTCGCCAGTTCAC 1

RESULT 142  
US-09-695-451-65/c  
; Sequence 65, Application US/09695451  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Lex M. Cowser  
; APPLICANT: Hong Zhang  
; APPLICANT: Nicholas M. Dean  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0518  
; CURRENT APPLICATION NUMBER: US/09/695,451  
; CURRENT FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; NUMBER OF SEQ ID NOS: 246  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 65  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-695-451-65

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1118 TGCCGAGTTCACCTTCA 1135  
|||||  
Db 18 TGCCGAGTTCACCTTCA 1

RESULT 143  
US-09-695-451-66/c  
; Sequence 66, Application US/09695451  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Lex M. Cowser  
; APPLICANT: Hong Zhang  
; APPLICANT: Nicholas M. Dean  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0518  
; CURRENT APPLICATION NUMBER: US/09/695,451  
; CURRENT FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; NUMBER OF SEQ ID NOS: 246  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 66  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-695-451-66

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAGCT 1144  
|||||  
Db 18 CCACCTTCACCTCCAGCT 1

RESULT 144  
US-09-695-451-67/c  
; Sequence 67, Application US/09695451  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Lex M. Cowser  
; APPLICANT: Hong Zhang  
; APPLICANT: Nicholas M. Dean  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0518  
; CURRENT APPLICATION NUMBER: US/09/695,451  
; CURRENT FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; NUMBER OF SEQ ID NOS: 246  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 67  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-695-451-67

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1162 GACTGTCCCACTTTGCG 1179  
|||||  
Db 18 GACTGTCCCACTTTGCG 1

RESULT 145  
US-09-695-451-68/c  
; Sequence 68, Application US/09695451  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Lex M. Cowser  
; APPLICANT: Hong Zhang  
; APPLICANT: Nicholas M. Dean  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0518  
; CURRENT APPLICATION NUMBER: US/09/695,451  
; CURRENT FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; NUMBER OF SEQ ID NOS: 246  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 68  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-695-451-68

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;



RESULT 150  
US-09-695-451-113/c  
; Sequence 113, Application US/09695451  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Lex M. Cowser  
; APPLICANT: Hong Zhang  
; APPLICANT: Nicholas M. Dean  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0518  
; CURRENT APPLICATION NUMBER: US/09/695,451  
; CURRENT FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; NUMBER OF SEQ ID NOS: 246  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 113  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-695-451-113

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 731 AGGAGAAACAGACACCG 748  
Db 18 AGGAGAAACAGACACCG 1

RESULT 151  
US-09-695-451-114/c  
; Sequence 114, Application US/09695451  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Lex M. Cowser  
; APPLICANT: Hong Zhang  
; APPLICANT: Nicholas M. Dean  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0518  
; CURRENT APPLICATION NUMBER: US/09/695,451  
; CURRENT FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; NUMBER OF SEQ ID NOS: 246  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 114  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-695-451-114

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 775 CTAAGAGAAACAGAGTCT 792  
Db 18 CTAAGAGAAACAGAGTCT 1

RESULT 152  
US-09-695-451-115/c

; Sequence 115, Application US/09695451  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Lex M. Cowser  
; APPLICANT: Hong Zhang  
; APPLICANT: Nicholas M. Dean  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0518  
; CURRENT APPLICATION NUMBER: US/09/695,451  
; CURRENT FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; NUMBER OF SEQ ID NOS: 246  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 115  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-695-451-115

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 779 GAGAAACGAGTGTCT 796  
Db 18 GAGAAACGAGTGTCT 1

RESULT 153  
US-09-695-451-116/c  
; Sequence 116, Application US/09695451  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Lex M. Cowser  
; APPLICANT: Hong Zhang  
; APPLICANT: Nicholas M. Dean  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0518  
; CURRENT APPLICATION NUMBER: US/09/695,451  
; CURRENT FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; NUMBER OF SEQ ID NOS: 246  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 116  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-695-451-116

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 781 GAAACGAGTGTCTCC 798  
Db 18 GAAACGAGTGTCTCC 1

RESULT 154  
US-09-695-451-117/c  
; Sequence 117, Application US/09695451  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker

```

; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT FILING DATE: 2000-10-24
; CURRENT APPLICATION NUMBER: US 09/695,451
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 117
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-117

```

```

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 803 GTAACGTGAAGAAAGCC 820
Db 18 GTAACGTGAAGAAAGCC 1

```

```

RESULT 155
US-09-695-451-118/c
; Sequence 118, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT FILING DATE: 2000-10-24
; CURRENT APPLICATION NUMBER: US 09/695,451
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 118
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-118

```

```

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 805 AACTGTGAAGAAAGCC 822
Db 18 AACTGTGAAGAAAGCC 1

```

```

RESULT 156
US-09-695-451-119/c
; Sequence 119, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean

```

```

; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT FILING DATE: 2000-10-24
; CURRENT APPLICATION NUMBER: US 09/695,451
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 119
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-119

```

```

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 846 CCAGATTGAGAAATGTTAA 863
Db 18 CCAGATTGAGAAATGTTAA 1

```

```

RESULT 157
US-09-695-451-120/c
; Sequence 120, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT FILING DATE: 2000-10-24
; CURRENT APPLICATION NUMBER: US 09/695,451
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-120

```

```

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 899 CCCTGGTCATTTCTTTG 916
Db 18 CCCTGGTCATTTCTTTG 1

```

```

RESULT 158
US-09-695-451-121/c
; Sequence 121, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US 09/695,451

```

```
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 121
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-121

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 903 GGTCAATTTCTTTGGTCT 920
      |||||
Db 18 GGTCAATTTCTTTGGTCT 1

RESULT 159
US-09-695-451-122/c
; Sequence 122, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 122
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-122

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 905 TCATTTCTTTGGTCTTT 922
      |||||
Db 18 TCATTTCTTTGGTCTTT 1

RESULT 160
US-09-695-451-123/c
; Sequence 123, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
```

```
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 123
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-123

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 909 TTTCTTTGGTCTTTGGCT 926
      |||||
Db 18 TTTCTTTGGTCTTTGGCT 1

RESULT 161
US-09-695-451-124/c
; Sequence 124, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 124
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-124

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGGCTTTTATC 932
      |||||
Db 18 TGGTCTTTGGCTTTTATC 1

RESULT 162
US-09-695-451-125/c
; Sequence 125, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 125
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-125
```

```
Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  917 GCTTTGCTTTTATCC 934
      |||||
Db   18 GCTTTGCTTTTATCC 1
```

```
RESULT 163
US-09-695-451-126/c
; Sequence 126, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 126
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-126
```

```
Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  919 CTTTGCCTTTATCCCTC 936
      |||||
Db   18 CTTTGCCTTTATCCCTC 1
```

```
RESULT 164
US-09-695-451-127/c
; Sequence 127, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 127
; LENGTH: 18
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-127
```

```
Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  923 GCCTTTATCCCTCCTCT 940
      |||||
Db   18 GCCTTTATCCCTCCTCT 1
```

```
RESULT 165
US-09-695-451-128/c
; Sequence 128, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 128
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-128
```

```
Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  925 CTTTATCCCTCCTCTTC 942
      |||||
Db   18 CTTTATCCCTCCTCTTC 1
```

```
RESULT 166
US-09-695-451-129/c
; Sequence 129, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 129
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-129

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  927 TTTATCCCTCTCTTCAT 944
    |||||
Db   18 TTTATCCCTCTCTTCAT 1

RESULT 167
US-09-695-451-130/c
; Sequence 130, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 130
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-130

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  931 TCCTCTCTCTTCATGTT 948
    |||||
Db   18 TCCTCTCTCTTCATGTT 1

RESULT 168
US-09-695-451-131/c
; Sequence 131, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 131
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-131
```

```
Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  933 CCTCCTCTTCATGGTTT 950
    |||||
Db   18 CCTCCTCTTCATGGTTT 1

RESULT 169
US-09-695-451-132/c
; Sequence 132, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 132
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-132

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  950 TAATGTATCGCTACCAAC 967
    |||||
Db   18 TAATGTATCGCTACCAAC 1

RESULT 170
US-09-695-451-133/c
; Sequence 133, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-133

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 982 CTCTACTCCATTGTTTGT 999

```

Query Match      0.8%; Score 18; DE 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      992  TTTCTTTGGGAAATCGA 1009
          |||||
Db      18  TTCTTTTGGGAAATCGA 1

```



```
RESULT 175
US-09-695-451-138/c
; Sequence 138, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 138
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-138

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1222 CCCATCCTTGGCAGACC 1239
Db 18 CCCATCCTTGGCAGACC 1

RESULT 176
US-09-695-451-139/c
; Sequence 139, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-139

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1270 CAGAAGTGGGAGGACGC 1287
Db 18 CAGAAGTGGGAGGACGC 1

RESULT 177
US-09-695-451-140/c
; Sequence 140, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-140/c

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1287 CGCCCAAGCCACAGC 1304
Db 18 CGCCCAAGCCACAGC 1

RESULT 178
US-09-695-451-141/c
; Sequence 141, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-141

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1272 GAAGTGGGAGGACGCC 1289
Db 18 GAAGTGGGAGGACGCC 1

RESULT 179
US-09-695-451-142/c
; Sequence 142, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-142/c

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1287 CGCCCAAGCCACAGC 1304
Db 18 CGCCCAAGCCACAGC 1

RESULT 179
US-09-695-451-142/c
; Sequence 142, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-142/c

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1287 CGCCCAAGCCACAGC 1304
Db 18 CGCCCAAGCCACAGC 1
```

```
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1998-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-142

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1289 CCCAAGCCACAGAGCC 1306
Db 18 CCCAAGCCACAGAGCC 1

RESULT 180
US-09-695-451-143/c
; Sequence 143, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-143

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1291 CACAGCCACAGAGCCTA 1308
Db 18 CACAGCCACAGAGCCTA 1

RESULT 181
US-09-695-451-144/c
; Sequence 144, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
```

```
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 144
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-144

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1293 CAAGCCACAGAGCCTAGA 1310
Db 18 CAAGCCACAGAGCCTAGA 1

RESULT 182
US-09-756-161A-15/c
; Sequence 15, Application US/09756161A
; GENERAL INFORMATION:
; APPLICANT: Le. Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-007
; CURRENT APPLICATION NUMBER: US/09/756,161A
; CURRENT FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-09-756-161A-15
```

Query Match 0.8%; Score 18; DB 1; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 835 TTGTGCTACCCAGATT 852  
 Db 18 TTGTGCTACCCAGATT 1

## RESULT 183

US-09-756-301A-15/c  
 ; Sequence 15, Application US/09756301A  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Le, Junming  
 ; APPLICANT: Vilcek, Jan  
 ; APPLICANT: Daddona, Peter  
 ; APPLICANT: Grayeb, John  
 ; APPLICANT: Knight, David M.  
 ; APPLICANT: Siegel, Scott  
 ; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
 ; FILE REFERENCE: 0975.1005-008  
 ; CURRENT APPLICATION NUMBER: US/09756,301A  
 ; CURRENT FILING DATE: 2001-01-08  
 ; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
 ; PRIOR FILING DATE: 1998-08-12  
 ; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 ; PRIOR FILING DATE: 1995-12-11  
 ; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
 ; PRIOR FILING DATE: 1994-10-18  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
 ; PRIOR FILING DATE: 1993-01-29  
 ; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
 ; PRIOR FILING DATE: 1993-02-02  
 ; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 ; PRIOR FILING DATE: 1992-09-11  
 ; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
 ; PRIOR FILING DATE: 1992-03-18  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 15  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: PCR oligonucleotides  
 US-09-756-301B-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 835 TTGTGCTACCCAGATT 852  
 Db 18 TTGTGCTACCCAGATT 1

## RESULT 185

US-09-756-398B-15/c  
 ; Sequence 15, Application US/09756398B  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Le, Junming  
 ; APPLICANT: Vilcek, Jan  
 ; APPLICANT: Daddona, Peter  
 ; APPLICANT: Grayeb, John  
 ; APPLICANT: Knight, David M.  
 ; APPLICANT: Siegel, Scott  
 ; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
 ; FILE REFERENCE: 0975.1005-006  
 ; CURRENT APPLICATION NUMBER: US/09756,398B  
 ; CURRENT FILING DATE: 2001-01-08  
 ; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
 ; PRIOR FILING DATE: 1998-08-12  
 ; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 ; PRIOR FILING DATE: 1995-12-11  
 ; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
 ; PRIOR FILING DATE: 1994-10-18  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,093

Query Match 0.8%; Score 18; DB 1; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 835 TTGTGCTACCCAGATT 852  
 Db 18 TTGTGCTACCCAGATT 1

## RESULT 184

US-09-756-301B-15/c  
 ; Sequence 15, Application US/09756301B  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Le, Junming  
 ; APPLICANT: Vilcek, Jan  
 ; APPLICANT: Daddona, Peter  
 ; APPLICANT: Grayeb, John

```
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-09-756-398B-15
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1
```

## RESULT 186

```
US-09-766-535A-15/c
```

```
; Sequence 15, Application US/09766535A
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-010
; CURRENT APPLICATION NUMBER: US/09766,535A
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-09-766-535A-15
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1
```

## RESULT 187

```
US-09-897-724-15/c
```

```
; Sequence 15, Application US/09897724
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-012
; CURRENT APPLICATION NUMBER: US/09/897,724
; CURRENT FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-09-897-724-15
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1
```

## RESULT 188

```
US-09-927-703-15/c
```

```
; Sequence 15, Application US/09927703
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/09/927,703
```

```
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-09-927-703-15
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1
```

```
RESULT 189
US-10-010-229-15/c
; Sequence 15, Application US/10010229
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: US/10/010,229
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-010-229-15
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
```

```
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1
```

```
RESULT 190
US-10-043-432-15/c
; Sequence 15, Application US/10043432
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US/10/043,432
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-043-432-15
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1
```

```
RESULT 191
US-10-043-436-15/c
; Sequence 15, Application US/10043436
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
```

```

; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/043,436
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US/09/927,703
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-043-436-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 193
US-10-043-450-15/c
; Sequence 15, Application US/10043450
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/043,450
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: 09/927,703
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406

```

```

; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-043-450-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 193
US-10-044-534-15/c
; Sequence 15, Application US/10044534
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/044,534
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: 09/927,703
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406

```

```
/ PRIOR FILING DATE: 1993-01-29
/ PRIOR APPLICATION NUMBER: U.S. 08/013,413
/ PRIOR FILING DATE: 1993-02-02
/ PRIOR APPLICATION NUMBER: U.S. 07/943,852
/ PRIOR FILING DATE: 1992-09-11
/ PRIOR APPLICATION NUMBER: U.S. 07/853,606
/ PRIOR FILING DATE: 1992-03-18
/ PRIOR APPLICATION NUMBER: U.S. 07/670,827
/ PRIOR FILING DATE: 1991-03-18
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 15
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR oligonucleotides
US-10-044-534-15

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      835 TTGTGCCTACCCAGATT 852
Db      18 TTGTGCCTACCCAGATT 1

RESULT 194
US-10-176-460-15/c
/ Sequence 15, Application US/10176460
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter
/ APPLICANT: Ghayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott
/ TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
/ FILE REFERENCE: 0975.1005-006
/ CURRENT APPLICATION NUMBER: US/10/176,460
/ PRIOR FILING DATE: 2002-06-20
/ PRIOR APPLICATION NUMBER: US/09/756,398
/ PRIOR FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: U.S. 09/133,119
/ PRIOR FILING DATE: 1998-08-12
/ PRIOR APPLICATION NUMBER: U.S. 08/570,674
/ PRIOR FILING DATE: 1995-12-11
/ PRIOR APPLICATION NUMBER: U.S. 08/324,799
/ PRIOR FILING DATE: 1994-10-18
/ PRIOR APPLICATION NUMBER: U.S. 08/192,102
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,861
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,093
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/010,406
/ PRIOR FILING DATE: 1993-01-29
/ PRIOR APPLICATION NUMBER: U.S. 08/013,413
/ PRIOR FILING DATE: 1993-02-02
/ PRIOR APPLICATION NUMBER: U.S. 07/943,852
/ PRIOR FILING DATE: 1992-09-11
/ PRIOR APPLICATION NUMBER: U.S. 07/853,606
/ PRIOR FILING DATE: 1992-03-18
/ PRIOR APPLICATION NUMBER: U.S. 07/670,827
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 15
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR oligonucleotides
US-10-176-460-15/c

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      835 TTGTGCCTACCCAGATT 852
Db      18 TTGTGCCTACCCAGATT 1

RESULT 196
US-10-187-121-15/c
/ Sequence 15, Application US/10186559
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter
/ APPLICANT: Ghayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott
/ TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
/ FILE REFERENCE: 0975.1005-006
/ CURRENT APPLICATION NUMBER: US/10/186,559
/ PRIOR FILING DATE: 2002-06-28
/ PRIOR APPLICATION NUMBER: US/09/756,398
/ PRIOR FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: U.S. 09/133,119
/ PRIOR FILING DATE: 1998-08-12
/ PRIOR APPLICATION NUMBER: U.S. 08/570,674
/ PRIOR FILING DATE: 1995-12-11
/ PRIOR APPLICATION NUMBER: U.S. 08/324,799
/ PRIOR FILING DATE: 1994-10-18
/ PRIOR APPLICATION NUMBER: U.S. 08/192,102
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,861
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,093
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/010,406
/ PRIOR FILING DATE: 1993-01-29
/ PRIOR APPLICATION NUMBER: U.S. 08/013,413
/ PRIOR FILING DATE: 1993-02-02
/ PRIOR APPLICATION NUMBER: U.S. 07/943,852
/ PRIOR FILING DATE: 1992-09-11
/ PRIOR APPLICATION NUMBER: U.S. 07/853,606
/ PRIOR FILING DATE: 1992-03-18
/ PRIOR APPLICATION NUMBER: U.S. 07/670,827
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 15
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR oligonucleotides
US-10-186-559-15
```

```
Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      835 TTGTGCCTACCCAGATT 852
Db      18 TTGTGCCTACCCAGATT 1

RESULT 196
US-10-187-121-15/c
/ Sequence 15, Application US/10186559
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter
/ APPLICANT: Ghayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott
/ TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
/ FILE REFERENCE: 0975.1005-006
/ CURRENT APPLICATION NUMBER: US/10/186,559
/ PRIOR FILING DATE: 2002-06-28
/ PRIOR APPLICATION NUMBER: US/09/756,398
/ PRIOR FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: U.S. 09/133,119
/ PRIOR FILING DATE: 1998-08-12
/ PRIOR APPLICATION NUMBER: U.S. 08/570,674
/ PRIOR FILING DATE: 1995-12-11
/ PRIOR APPLICATION NUMBER: U.S. 08/324,799
/ PRIOR FILING DATE: 1994-10-18
/ PRIOR APPLICATION NUMBER: U.S. 08/192,102
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,861
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,093
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/010,406
/ PRIOR FILING DATE: 1993-01-29
/ PRIOR APPLICATION NUMBER: U.S. 08/013,413
/ PRIOR FILING DATE: 1993-02-02
/ PRIOR APPLICATION NUMBER: U.S. 07/943,852
/ PRIOR FILING DATE: 1992-09-11
/ PRIOR APPLICATION NUMBER: U.S. 07/853,606
/ PRIOR FILING DATE: 1992-03-18
/ PRIOR APPLICATION NUMBER: U.S. 07/670,827
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 15
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR oligonucleotides
US-10-186-559-15
```

```
; Sequence 15, Application US/10187121
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/197,121
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: US 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-187-121-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 197
US-10-198-845-15/c
; Sequence 15, Application US/10198845
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/198,845
; PRIOR FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: US/09/756,398
; PRIOR FILING DATE: 2001-01-08
```

```
; Sequence 15, Application US/10187121
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/200,795
; PRIOR FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER: US/09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-198-845-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 198
US-10-200-795-15/c
; Sequence 15, Application US/10200795
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/200,795
; PRIOR FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER: US/09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
```



; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; PRIOR FILING DATE: 1991-03-18  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 15  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR oligonucleotides  
US-10-200-795-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 835 TTGTGCTACCCAGATT 852  
Db 18 TTGTGCTACCCAGATT 1

## RESULT 199

US-10-208-145-15/c  
; Sequence 15, Application US/10208145  
; GENERAL INFORMATION:

; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Grayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
; FILE REFERENCE: 0975.1005-006  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US/09/756,398  
; PRIOR FILING DATE: 2001-01-08  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 15  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR oligonucleotides  
US-10-208-145-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 835 TTGTGCTACCCAGATT 852  
Db 18 TTGTGCTACCCAGATT 1

## RESULT 200

US-10-227-488-15/c  
; Sequence 15, Application US/10227488  
; GENERAL INFORMATION:

; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Grayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
; FILE REFERENCE: 0975.1005-025  
; CURRENT FILING DATE: 2002-08-23  
; PRIOR APPLICATION NUMBER: U.S. 09/766,535  
; PRIOR FILING DATE: 2001-01-18  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 15  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR oligonucleotides  
US-10-227-488-15

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 835 TTGTGCTACCCAGATT 852  
Db 18 TTGTGCTACCCAGATT 1

## RESULT 201

US-10-319-011-15/c  
; Sequence 15, Application US/10319011  
; GENERAL INFORMATION:

; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Grayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott

```

; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/319,011
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: US/09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-319-011-15
```

```

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1
```

```

RESULT 202
US-10-371-443-15/c
; Sequence 15, Application US/10371443
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Joint Inflammation
; TITLE OF INVENTION: With Chimeric Anti-TNF Antibodies
; FILE REFERENCE: 0975.1005-031
; CURRENT APPLICATION NUMBER: US/10/371,443
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
```

```

; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-371-443-15
```

```

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1
```

```

RESULT 203
US-10-371-961-15/c
; Sequence 15, Application US/10371961
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Vascular Inflammatory
; TITLE OF INVENTION: Pathology By Multiple Administration Of Chimeric
; TITLE OF INVENTION: Anti-TNF Antibodies
; FILE REFERENCE: 0975.1005-033
; CURRENT APPLICATION NUMBER: US/10/371,961
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-371-961-15
```

```
Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      835 TTGTGCTTACCCAGATT 852
      18 TTGTGCTTACCCAGATT 1

Db

RESULT 204
US-10-371-962-15/c
; Sequence 15, Application US/10371962
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayed, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Psoriatic Arthritis
; TITLE OF INVENTION: With Chimeric Anti-TNF Antibodies
; FILE REFERENCE: 0975.1005-032
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-371-962-15

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      835 TTGTGCTTACCCAGATT 852
      18 TTGTGCTTACCCAGATT 1

Db

RESULT 205
US-10-379-866-15/c
; Sequence 15, Application US/10379866
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayed, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Ulcerative Colitis
; TITLE OF INVENTION: With Chimeric Anti-TNF Antibodies
; FILE REFERENCE: 0975.1005-034
; CURRENT FILING DATE: 2003-03-04
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-371-962-15

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      835 TTGTGCTTACCCAGATT 852
      18 TTGTGCTTACCCAGATT 1

Db

RESULT 206
US-10-637-759-15/c
; Sequence 15, Application US/10637759
; GENERAL INFORMATION:
; APPLICANT: Knight, David M.
; APPLICANT: Shealy, David
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0148.2006-000
; CURRENT FILING DATE: 2003-08-08
; PRIOR APPLICATION NUMBER: US/10/637,759
; PRIOR FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: U.S. 09/920,137
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: U.S. 60/236,826
; PRIOR FILING DATE: 2000-08-07
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-637-759-15
```

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852  
DB 18 TTGTGCTACCCAGATT 1

RESULT 207  
US-10-702-817-47/c  
; Sequence 47, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10702,817  
; PRIOR FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 09/695,451  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 47  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-47

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 732 GGAGAAACAGACACCGT 749  
DB 18 GGAGAAACAGACACCGT 1

RESULT 208  
US-10-702-817-48/c  
; Sequence 48, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10702,817  
; PRIOR FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 09/695,451  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 48  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-48

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 786 CGAGTGTCTCTCTGTAG 803  
DB 18 CGAGTGTCTCTCTGTAG 1

RESULT 209  
US-10-702-817-49/c  
; Sequence 49, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10702,817  
; PRIOR FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 09/695,451  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 49  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-49

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 796 TCCTGTAGTAAGTAAG 813  
DB 18 TCCTGTAGTAAGTAAG 1

RESULT 210  
US-10-702-817-50/c  
; Sequence 50, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10702,817  
; PRIOR FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 09/695,451  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 50  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-50

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 802 AGTAAGTAAGTAAGTAAG 819  
DB 18 AGTAAGTAAGTAAGTAAG 1

RESULT 211  
US-10-702-817-51/c  
; Sequence 51, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10/702,817  
; CURRENT FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 09/695,451  
; PRIOR FILING DATE: 2000-10-24  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 51  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-51

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 807 CTGTAAGAAAAGCCTGGA 824  
|||  
Db 18 CTGTAAGAAAAGCCTGGA 1

RESULT 212  
US-10-702-817-52/c  
; Sequence 52, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10/702,817  
; CURRENT FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 09/695,451  
; PRIOR FILING DATE: 2000-10-24  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 52  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-52

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 845 CCCAGATTGAGATGTTA 862  
|||  
Db 18 CCCAGATTGAGATGTTA 1

RESULT 213  
US-10-702-817-53/c  
; Sequence 53, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang

; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10/702,817  
; CURRENT FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 09/695,451  
; PRIOR FILING DATE: 2000-10-24  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 53  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-53

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 873 GGACTCAGGCACCACAGT 890  
|||  
Db 18 GGACTCAGGCACCACAGT 1

RESULT 214  
US-10-702-817-54/c  
; Sequence 54, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10/702,817  
; CURRENT FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 09/695,451  
; PRIOR FILING DATE: 2000-10-24  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 54  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-54

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 906 CATTTCCTTGGTCTTGG 923  
|||  
Db 18 CATTTCCTTGGTCTTGG 1

RESULT 215  
US-10-702-817-55/c  
; Sequence 55, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10/702,817  
; CURRENT FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: 09/106,038

```
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 55
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-55

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 911 TCTTGGTCTTGGCTTT 928
Db 18 TCTTGGTCTTGGCTTT 1

RESULT 216
US-10-702-817-56/c
; Sequence 56, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 56
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-56

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 TTGCTTTTATCCCTCT 938
Db 18 TTGCTTTTATCCCTCT 1

RESULT 217
US-10-702-817-57/c
; Sequence 57, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
```

```
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 57
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-57

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 929 TATCCCTCCTCTTCATTG 946
Db 18 TATCCCTCCTCTTCATTG 1

RESULT 218
US-10-702-817-58/c
; Sequence 58, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 58
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-58

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTGGTTTAA 952
Db 18 TCCTCTTCATTGGTTTAA 1

RESULT 219
US-10-702-817-59/c
; Sequence 59, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 59
; LENGTH: 18
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-59

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 952 ATGTATCGTCTACCAACGG 969
Db 18 ATGTATCGTCTACCAACGG 1

RESULT 220
US-10-702-817-60/c
; Sequence 60, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 60
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-60

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 992 TTGTTTGTGGGAATCGA 1009
Db 18 TTGTTTGTGGGAATCGA 1

RESULT 221
US-10-702-817-61/c
; Sequence 61, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 61
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-61

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1075 AGTCCCACTCCAGGCTTC 1092
Db 18 AGTCCCACTCCAGGCTTC 1

RESULT 223
US-10-702-817-63/c
; Sequence 63, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 63
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-63

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1098 CACCTGGGCTTCAGTCC 1115
Db 18 CACCTGGGCTTCAGTCC 1115
```

```
Db 18 CACCCTGGGCTTCAGTCC 1
|||||
RESULT 224
US-10-702-817-64/c
; Sequence 64, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-64

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1113 TCCCGTGCCAGTTCAC 1130
|||||
Db 18 TCCCGTGCCAGTTCAC 1

RESULT 225
US-10-702-817-65/c
; Sequence 65, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 65
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-65

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1118 TGCCAGTTCCACCTTCA 1135
|||||
Db 18 TGCCAGTTCCACCTTCA 1

RESULT 226
US-10-702-817-66/c
; Sequence 66, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 66
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-66

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAGCT 1144
|||||
Db 18 CCACCTTCACCTCCAGCT 1

RESULT 227
US-10-702-817-67/c
; Sequence 67, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 67
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-67

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1162 GACTGTCCCACTTTGCG 1179
|||||
Db 18 GACTGTCCCACTTTGCG 1

RESULT 228
US-10-702-817-68/c
; Sequence 68, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
```



```
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 68
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-68

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 CCGCAGAGGTGGGAC 1201
Db 18 CCGCAGAGGTGGGAC 1

RESULT 229
US-10-702-817-69/c
; Sequence 69, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 69
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-69

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 TCAGAGTGGGAGGAC 1286
Db 18 TCAGAGTGGGAGGAC 1

RESULT 230
US-10-702-817-70/c
; Sequence 70, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: 09/106,038
; PRIOR FILING DATE: 1998-06-26
```

```
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 70
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-70

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1290 CCACAGCCACAGGCT 1307
Db 18 CCACAGCCACAGGCT 1

RESULT 231
US-10-702-817-111/c
; Sequence 111, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 111
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-111

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 727 TGCCAGGAGAAACAGAAC 744
Db 18 TGCCAGGAGAAACAGAAC 1

RESULT 232
US-10-702-817-112/c
; Sequence 112, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
```

```
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 112
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-112

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 729 CCAGGAGAAACAGAACAC 746
Db 18 CCAGGAGAAACAGAACAC 1

RESULT 233
US-10-702-817-113/c
; Sequence 113, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 113
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-113

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 731 AGGAGAAACAGAACACCG 748
Db 18 AGGAGAAACAGAACACCG 1

RESULT 234
US-10-702-817-114/c
; Sequence 114, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 114
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-114

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 775 CTAAGAGAAAACGAGTGT 792
Db 18 CTAAGAGAAAACGAGTGT 1

RESULT 235
US-10-702-817-115/c
; Sequence 115, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 115
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-115

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 779 GAGAAAACGAGTGTCT 796
Db 18 GAGAAAACGAGTGTCT 1

RESULT 236
US-10-702-817-116/c
; Sequence 116, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 116
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-116

Query Match          0.8%; Score 18; DB 1; Length 18;
```

Best Local Similarity 100.0%; Pred. No. 1.2e+02; Indels 0; Gaps 0;  
Matches 18; Conservative 0; Mismatches 0;

QY 781 GAAACGAGTGTCTCC 798  
Db 18 GAAACGAGTGTCTCC 1

RESULT 237  
US-10-702-817-117/c  
; Sequence 117, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10702,817  
; PRIOR FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 2000-10-24  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 117  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-117

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 803 GTAAGTGAAGAAAGCC 820  
Db 18 GTAAGTGAAGAAAGCC 1

RESULT 238  
US-10-702-817-118/c  
; Sequence 118, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10702,817  
; PRIOR FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 2000-10-24  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 118  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-118

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 805 AACTGTAAGAAAGCCTG 822  
|||

Db 18 AACTGTAAGAAAGCCTG 1

RESULT 239  
US-10-702-817-119/c  
; Sequence 119, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10702,817  
; PRIOR FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 2000-10-24  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 119  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-119

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 846 CCAGATTGAGATGTAA 863  
Db 18 CCAGATTGAGATGTAA 1

RESULT 240  
US-10-702-817-120/c  
; Sequence 120, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10702,817  
; PRIOR FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 2000-10-24  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 120  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-120

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 899 CCTGTCATTTCTTG 916  
Db 18 CCTGTCATTTCTTG 1

RESULT 241  
US-10-702-817-121/c

```
; Sequence 121, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 121
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-121

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 903 GGTCAATTTCTTTGGTCT 920
DB 18 GGTCAATTTCTTTGGTCT 1

RESULT 242
US-10-702-817-122/c
; Sequence 122, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 122
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-122

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 905 TCATTTCTTTGGTCTTT 922
DB 18 TCATTTCTTTGGTCTTT 1

RESULT 243
US-10-702-817-123/c
; Sequence 123, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
```

```
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 125
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-125

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 917 GTCCTTGGCTTTATCC 934
Db 18 GTCCTTGGCTTTATCC 1

RESULT 246
US-10-702-817-126/c
; Sequence 126, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 126
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-126

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 919 CTTTGCCTTTATCCCTC 936
Db 18 CTTTGCCTTTATCCCTC 1

RESULT 247
US-10-702-817-127/c
; Sequence 127, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
```

```
; SEQ ID NO 127
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-127

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 923 GCCTTTATCCCTCCTCT 940
Db 18 GCCTTTATCCCTCCTCT 1

RESULT 248
US-10-702-817-128/c
; Sequence 128, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 128
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-128

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 925 CTTTATCCCTCCTCTTC 942
Db 18 CTTTATCCCTCCTCTTC 1

RESULT 249
US-10-702-817-129/c
; Sequence 129, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 129
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-129

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 TTTATCCCTCTTCAT 944  
Db 18 TTTATCCCTCTTCAT 1

RESULT 250  
US-10-702-817-130/c  
; Sequence 130, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10/702,817  
; PRIOR FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 09/695,451  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 130  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-130

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 931 TCCCTCTCTTCATGTT 948  
Db 18 TCCCTCTCTTCATGTT 1

RESULT 251  
US-10-702-817-131/c  
; Sequence 131, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10/702,817  
; PRIOR FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 09/695,451  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 131  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-131

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATGGTTT 950  
Db 18 CCTCCTCTTCATGGTTT 1

RESULT 252  
US-10-702-817-132/c  
; Sequence 132, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10/702,817  
; CURRENT FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 09/695,451  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 132  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-132

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 950 TAATGTATCGCTACCAAC 967  
Db 18 TAATGTATCGCTACCAAC 1

RESULT 253  
US-10-702-817-133/c  
; Sequence 133, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10/702,817  
; CURRENT FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 09/695,451  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 133  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-133

Query Match 0.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 952 ATGTATCGCTACCAACGG 969  
Db 18 ATGTATCGCTACCAACGG 1

```

; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-134

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 954 GTATCGCTACCAACGGTG 971
DB 18 GTATCGCTACCAACGGTG 1

RESULT 255
US-10-702-817-135/c
; Sequence 135, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-135

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 982 CTCCTACTCCATTGTTGT 999
DB 18 CTCCTACTCCATTGTTGT 1

RESULT 256
US-10-702-817-136/c
; Sequence 136, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-136

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 992 TTGTTTGTGGGAATCGA 1009
DB 18 TTGTTTGTGGGAATCGA 1

RESULT 258
US-10-702-817-138/c
; Sequence 138, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817

```

```
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 138
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-138

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1222 CCCATCCTTGGCAGACGCC 1239
DB 18 CCCATCCTTGGCAGACGCC 1

RESULT 259
US-10-702-817-139/c
; Sequence 139, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-139

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1270 CAGAACTGGGAGCAGACG 1287
DB 18 CAGAACTGGGAGCAGACG 1

RESULT 260
US-10-702-817-140/c
; Sequence 140, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-140

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1272 GAAGTGGGAGCAGACGCG 1289
DB 18 GAAGTGGGAGCAGACGCG 1

RESULT 261
US-10-702-817-141/c
; Sequence 141, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-141

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1287 CGCCCCACAGCCACAGAG 1304
DB 18 CGCCCCACAGCCACAGAG 1

RESULT 262
US-10-702-817-142/c
; Sequence 142, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
```





;; CITY: San Diego  
;; STATE: California  
;; COUNTRY: USA  
;; ZIP: 92122  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent In Release #1.0, Version #1.25  
;;  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/757,041A  
;; FILING DATE: 09-Jan-2001  
;; CLASSIFICATION: <Unknown>  
;;  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/349,357  
;; FILING DATE: 02-DEC-1994  
;;  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Campbell, Cathryn A.  
;; REGISTRATION NUMBER: 31,815  
;; REFERENCE/DOCKET NUMBER: P-LJ 1203  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (619) 535-9001  
;; TELEFAX: (619) 535-8949  
;;  
;; INFORMATION FOR SEQ ID NO: 11:  
;; SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
US-09-757-041A-11

Query Match 0.8%; Score 18; DB 1; Length 24;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 958 CGCTACCAACGGTGAAG 975  
Db 7 CGCTACCAACGGTGAAG 24

RESULT 267  
US-08-529-190A-13  
;; Sequence 13, Application US/08529190A  
;; GENERAL INFORMATION:  
;; APPLICANT: Masucci, Maria G.  
;; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES  
;; NUMBER OF SEQUENCES: 63  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Banner & Allegretti  
;; STREET: 75 State Street  
;; CITY: Boston  
;; STATE: MA  
;; COUNTRY: USA  
;; ZIP: 02109  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Diskette  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: DOS  
;; SOFTWARE: Wordperfect 6.1  
;;  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/529,190A  
;; FILING DATE: 15-SEP-1995  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER:  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Williams, Ph.D., Kathleen A  
;; REGISTRATION NUMBER: 34,380  
;; REFERENCE/DOCKET NUMBER: THERE-005AX  
;; TELECOMMUNICATION INFORMATION:

;; TELEPHONE: 617-345-9100  
;; TELEFAX: 617-345-9111  
;; TELEX:  
;;  
;; INFORMATION FOR SEQ ID NO: 13:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 24 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: Genomic DNA  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; FRAGMENT TYPE:  
;; ORIGINAL SOURCE:  
US-08-529-190A-13

Query Match 0.8%; Score 17.8; DB 1; Length 24;  
Best Local Similarity 90.5%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAGCTCC 1146  
Db 1 2 TCCACCCGACCTCCAGCTCC 22

RESULT 268  
US-08-733-369A-69  
;; Sequence 69, Application US/08733369A  
;; GENERAL INFORMATION:  
;; APPLICANT: Masucci, Maria G.  
;; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES CONFERRING  
;; INVISIBILITY TO THE IMMUNE SYSTEM.  
;; NUMBER OF SEQUENCES: 123  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.  
;; STREET: One Financial Center  
;; CITY: Boston  
;; STATE: Massachusetts  
;; COUNTRY: USA  
;; ZIP: 02111

;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Wordperfect 6.1a  
;;  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/733,369A  
;; FILING DATE: 17 October, 1996  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/522,995  
;; FILING DATE: 01-SEP-1995  
;; APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/529,190  
;; FILING DATE: 15-SEP-1995  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: SE 95013249  
;; FILING DATE: 10-APR-1995  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: PCT/GB96/00876  
;; FILING DATE: 10-APR-1996  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Williams, Kathleen M.  
;; REGISTRATION NUMBER: 34,380  
;; REFERENCE/DOCKET NUMBER: 95-1391-D  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 617-345-9100  
;; TELEFAX: 617-345-9111  
;;  
;; INFORMATION FOR SEQ ID NO: 69:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 24 bases  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear

```
; MOLECULE TYPE: other nucleic acid
US-08-733-369A-69

Query Match      0.8%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAGCTCC 1146
      ||||| ||||| ||||| |||||
Db 2 TCCACCCGCACCTCCAGCTCC 22

RESULT 269
US-08-970-900-61
; Sequence 61, Application US/08970900
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: FUSION PROTEINS HAVING INCREASED HALF-LIVES.
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/970,900
; FILING DATE: 14-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/030,986
; FILING DATE: 15-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,945
; FILING DATE: 25-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3255/59831
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-08-970-900-61

Query Match      0.8%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAGCTCC 1146
      ||||| ||||| ||||| |||||
Db 2 TCCACCCGCACCTCCAGCTCC 22

RESULT 270
US-09-396-196F-67637
; Sequence 61, Application US/09396196F
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 67637
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196F-67637

Query Match      0.8%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.9e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1119 GCCCAGTTCACCTTCACCTC 1139
      ||||| ||||| ||||| |||||
Db 4 GCCCAGTTCACCTTCACCTC 24

RESULT 271
US-09-396-196G-67637
; Sequence 67637, Application US/09396196G
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 67637
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-67637

Query Match      0.8%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.9e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1119 GCCCAGTTCACCTTCACCTC 1139
      ||||| ||||| ||||| |||||
Db 4 GCCCAGTTCACCTTCACCTC 24

RESULT 272
US-10-355-577-563589/c
; Sequence 563589, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 563589
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-563589

Query Match      0.8%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.9e+02;
```

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCTCCAGCTC 1145  
DB 21 TTCCACCTTCACACGGCTC 1

RESULT 273  
US-10-719-900-666385/c  
; Sequence 666385, Application US/10719900  
; GENERAL INFORMATION:  
; APPLICANT: Xue Mei Zhou  
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse  
; FILE REFERENCE: 3528.1  
; CURRENT APPLICATION NUMBER: US/10/719,900  
; CURRENT FILING DATE: 2003-11-20  
; PRIOR APPLICATION NUMBER: 60/427,808  
; PRIOR FILING DATE: 2002 11 20  
; NUMBER OF SEQ ID NOS: 982914  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 666385  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Mus musculus  
US-10-719-900-666385

Query Match 0.8%; Score 17.8; DB 1; Length 25;  
Best Local Similarity 90.5%; Pred. No. 1.9e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1181 CTCCTGCAGAGAGTGGCAC 1201  
DB 21 CTCCTGCAGAGAGTGGTAC 1

RESULT 274  
US-10-719-956-275112/c  
; Sequence 275112, Application US/10719956  
; GENERAL INFORMATION:  
; APPLICANT: Xue Mei Zhou  
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat  
; FILE REFERENCE: 3527.1  
; CURRENT APPLICATION NUMBER: US/10/719,956  
; CURRENT FILING DATE: 2003-11-20  
; PRIOR APPLICATION NUMBER: 60/427,836  
; PRIOR FILING DATE: 2002 11 20  
; NUMBER OF SEQ ID NOS: 699466  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 275112  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Rattus norvegicus  
US-10-719-956-275112

Query Match 0.8%; Score 17.8; DB 1; Length 25;  
Best Local Similarity 90.5%; Pred. No. 1.9e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 866 GCACTGAGGACTCAGGCACCA 886  
DB 22 GGAATGAGGACTCAGGCACCA 2

RESULT 275  
US-60-353-987-563589/c  
; Sequence 563589, Application US/60353987  
; GENERAL INFORMATION:  
; APPLICANT: Mittmann, Michael  
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133  
; FILE REFERENCE: 3121  
; CURRENT APPLICATION NUMBER: US/60/353,987  
; CURRENT FILING DATE: 2002-02-01  
; NUMBER OF SEQ ID NOS: 997516

; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 563589  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-60-353-987-563589

Query Match 0.8%; Score 17.8; DB 1; Length 25;  
Best Local Similarity 90.5%; Pred. No. 1.9e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCTCCAGCTC 1145  
DB 21 TTCCACCTTCACACGGCTC 1

RESULT 276  
US-60-427-808-666385/c  
; Sequence 666385, Application US/60427808  
; GENERAL INFORMATION:  
; APPLICANT: Xue Mei Zhou  
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse  
; FILE REFERENCE: 3528  
; CURRENT APPLICATION NUMBER: US/60/427,808  
; CURRENT FILING DATE: 2002-11-20  
; NUMBER OF SEQ ID NOS: 982914  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 666385  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Mus musculus  
US-60-427-808-666385

Query Match 0.8%; Score 17.8; DB 1; Length 25;  
Best Local Similarity 90.5%; Pred. No. 1.9e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1181 CTCCTGCAGAGAGTGGCAC 1201  
DB 21 CTCCTGCAGAGAGTGGTAC 1

RESULT 277  
US-60-427-836-275112/c  
; Sequence 275112, Application US/60427836  
; GENERAL INFORMATION:  
; APPLICANT: Xue Mei Zhou  
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat  
; FILE REFERENCE: 3527  
; CURRENT APPLICATION NUMBER: US/60/427,836  
; CURRENT FILING DATE: 2002-11-20  
; NUMBER OF SEQ ID NOS: 699466  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 275112  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Rattus norvegicus  
US-60-427-836-275112

Query Match 0.8%; Score 17.8; DB 1; Length 25;  
Best Local Similarity 90.5%; Pred. No. 1.9e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 866 GCACTGAGGACTCAGGCACCA 886  
DB 22 GGAATGAGGACTCAGGCACCA 2

RESULT 278  
US-10-276-358-36  
; Sequence 36, Application US/10276358  
; GENERAL INFORMATION:  
; APPLICANT: Rosendahl, Mary

```
; APPLICANT: Cox, George
; APPLICANT: Doherty, Daniel
; TITLE OF INVENTION: Methods for Refolding Proteins Containing Free Cysteine Residues
; FILE REFERENCE: 4152-4-PCT
; CURRENT APPLICATION NUMBER: US/10/276,358
; CURRENT FILING DATE: 2003-04-10
; PRIOR APPLICATION NUMBER: 60/204,617
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 36
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: primer
US-10-276-358-36

Query Match          0.8%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 944 TTGGTTTAAATGATCGTACCAAC 967
Db 1 TTGCTTTTCTCTATCGTACCAAC 24
|||||
|

RESULT 279
US-10-303-778-4642/c
; Sequence 4642, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4642
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-4642

Query Match          0.8%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1247 CCGACCCCATCCCAACCCCTTC 1270
Db 24 CCGACCCGACCCGACCCCAATC 1
|||||
|

RESULT 280
US-10-310-188-9683/c
; Sequence 9683, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9683
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-9683

Query Match          0.8%; Score 17.6; DB 1; Length 24;
```

```
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1247 CCGACCCCATCCCAACCCCTTC 1270
Db 24 CCGACCCGACCCGACCCCAATC 1
|||||
|

RESULT 281
US-09-396-196F-48576
; Sequence 48576, Application US/09396196F
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196F
; CURRENT FILING DATE: 2001-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 48576
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196F-48576

Query Match          0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1151 ATACCCCGGTGACTGTCCCACT 1174
Db 2 ATGCCCTCGGTGACTTCCCACT 25
|||||
|

RESULT 282
US-09-396-196G-48576
; Sequence 48576, Application US/09396196G
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 48576
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-48576

Query Match          0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1151 ATACCCCGGTGACTGTCCCACT 1174
Db 2 ATGCCCTCGGTGACTTCCCACT 25
|||||
|

RESULT 283
US-09-954-427-96936
; Sequence 96936, Application US/09954427
```

```
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/09/954,427
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 96936
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA858718
US-09-954-427-96936

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 729 CCAGAGAAACAGACACCGGTG 752
Db 2 CCAGAGACTCAGAGACCGGTG 25

RESULT 284
US-09-954-427-96975
; Sequence 96975, Application US/09954427
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/09/954,427
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 96975
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA858718
US-09-954-427-96975

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 730 CAGAGAAACAGACACCGGTGC 753
Db 1 CAGAGACTCAGAGACCGGTGC 24

RESULT 285
US-09-954-427-182296
; Sequence 182296, Application US/09954427
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/09/954,427
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 182296
; LENGTH: 25
; TYPE: DNA
```

```
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA963963
US-09-954-427-182296

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 779 GAGAAACGAGTGTCTCTCTGTA 802
Db 2 GAGATAGTCAGTGTCTCTCTGTA 25

RESULT 286
US-09-954-427-190865/c
; Sequence 190865, Application US/09954427
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/09/954,427
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 190865
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA963963
US-09-954-427-190865

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1031 TTGAAGGAACACTACTTAAGCCCC 1054
Db 25 TTGAAGGAACACTCTCTCTAAGTTCC 2

RESULT 1287
US-09-954-427-342285
; Sequence 342285, Application US/09954427
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/09/954,427
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 342285
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank S75960
US-09-954-427-342285

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1099 ACCCTGGCTTCAGTCCCGTGCC 1122
Db 2 ACCCTGGTTCAGTCCCGTGCC 25
```

```
RESULT 288
US-09-954-427A-326494
; Sequence 326494, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 326494
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-326494

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 980 AGCTTACTCCATTGTTGTGGGA 1003
Db 2 AACATCCCTCCATTGTTGTGGGA 25

RESULT 289
US-09-956-584-58890/c
; Sequence 58890, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 58890
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-58890

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 785 ACAGTGTCTCTCTCTAGTA 808
Db 25 ACAGTGTGTCTCTCTATTCCT 2

RESULT 290
US-09-956-584-73862
; Sequence 73862, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 73862
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-73862

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1278 GGAGGACAGCGCCCAAGCCACA 1301
Db 2 GGAGGACAAAGTCCACACGCTACA 25

RESULT 293
US-09-956-584-434786
; Sequence 434786, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
```

```
; ORGANISM: Mus musculus
US-09-956-584-73862

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 TTAAATGATATCGCTACCAACGGTG 971
Db 2 TTTCATGTGTCGTTACCAACGATG 25

RESULT 291
US-09-956-584-145763/c
; Sequence 145763, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 145763
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-145763

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1139 CCAGTCCCACTATACCCCGCGTG 1162
Db 25 CTAGTCCACCTATACCTCCTCTG 2

RESULT 292
US-09-956-584-154843
; Sequence 154843, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 154843
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-154843

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1278 GGAGGACAGCGCCCAAGCCACA 1301
Db 2 GGAGGACAAAGTCCACACGCTACA 25

RESULT 293
US-09-956-584-434786
; Sequence 434786, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
```

```
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 434786
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-434786
```

```
Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 974 AGTCAAGCTCTACTCCATTTGTT 997
Db 2 AGTCAGGCGCTACTCCACAGTTT 25
```

## RESULT 294

```
US-10-355-577-480923
; Sequence 480923, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 480923
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-480923
```

```
Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 1156 CCGGTGACTCTCCCACTTTGCG 1179
Db 1 CTCGTTTACGGTCCCACTTTGCG 24
```

## RESULT 295

```
US-10-355-577-615992/c
; Sequence 615992, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 615992
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-615992
```

```
Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 1057 GCCCAACCAAGCTTCAGTCCC 1080
Db 24 GCCCAAAATCAATCTACAGTCC 1
```

```
RESULT 296
US-10-355-577-622693/c
; Sequence 622693, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 622693
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-622693
```

```
Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 1093 ACCCCACCCCTGGCTTCAGTCCC 1116
Db 24 ACCCTCACCTGGAGTCCAGTCCC 1
```

## RESULT 297

```
US-10-355-577-627250/c
; Sequence 627250, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 627250
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-627250
```

```
Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy 1244 CCTCCGACCCCATCCCAACCCCC 1267
Db 24 CCTCCGACCATCCCTCGCCCC 1
```

## RESULT 298

```
US-10-355-577-717525/c
; Sequence 717525, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 717525
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-717525
```

```
Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
```



```

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 982 CTCCTACTCCATTGTTTGTGGGAAA 1005
      |||
Db 1 CTGTAATCCATTTTTTGTGAGAAA 24
      |||

```

```
RESULT 304
US-10-719-900-696649/c
; Sequence 696649, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 696649
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-696649

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 774 TCTAAGAGAAACGAGTGTCTC 797
      |||||
Db 24 TCTAGGATTAACGAGTGTCTC 1

RESULT 305
US-10-719-900-698151
; Sequence 698151, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 698151
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-698151

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1218 TGACCCCATCTTCGACAGCCCT 1241
      |||||
Db 2 TGACTCCAGCTTTGAGACGCCCT 25

RESULT 306
US-10-719-956-44082/c
; Sequence 44082, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 44082
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-44082/c

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1061 CAAACCCAGCTTCAGTCCCACTC 1084
      |||||
Db 24 CAAACCCAGATTTGATTCACGTC 1

RESULT 309
US-60-233-166-96936
; Sequence 96936, Application US/60233166
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; ORGANISM: Rattus norvegicus
US-10-719-956-44082

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 870 TGAGGACTCAGCACCACAGTGCT 893
      |||||
Db 25 TGAGGACTCAGCACCACAGTGCT 2

RESULT 307
US-10-719-956-219688
; Sequence 219688, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 219688
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-219688

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 978 CAAGCTCTACTCCATTTGTTGG 1001
      |||||
Db 1 CAAGCTCTCTTCATGTTGTTGG 24

RESULT 308
US-10-719-956-328544/c
; Sequence 328544, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 328544
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-328544/c

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1061 CAAACCCAGCTTCAGTCCCACTC 1084
      |||||
Db 24 CAAACCCAGATTTGATTCACGTC 1

RESULT 309
US-60-233-166-96936
; Sequence 96936, Application US/60233166
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; ORGANISM: Rattus norvegicus
US-10-719-956-44082
```

```
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/60/233,166
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 96936
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA858718
US-60-233-166-96936

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 729 CCAGGAGAAACAGAACACCGTGTG 752
Db 2 CCAGGAGACTCAGAGACCGTCTG 25

RESULT 310
US-60-233-166-96975
; Sequence 96975, Application US/60233166
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/60/233,166
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 96975
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA858718
US-60-233-166-96975

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACACCGTGTGC 753
Db 1 CAGGAGACTCAGAGACCGTCTGC 24

RESULT 311
US-60-233-166-182296
; Sequence 182296, Application US/60233166
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/60/233,166
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 182296
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
```

```
; DATABASE ACCESSION NUMBER: GenBank AA963963
US-60-233-166-182296

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 779 GAGAAAACAGAGTGTGTCTCTGTA 802
Db 2 GAGATAGTCAGTGTGTCTCTGTA 25

RESULT 312
US-60-233-166-190865/c
; Sequence 190865, Application US/60233166
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/60/233,166
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 190865
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA963963
US-60-233-166-190865

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1031 TTGAAGGAACCTCTCTCTAAGCCCC 1054
Db 25 TTGAAGGAACCTCTCTCTAAGTTCC 2

RESULT 313
US-60-233-166-342285
; Sequence 342285, Application US/60233166
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/60/233,166
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 342285
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank S75960
US-60-233-166-342285

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1099 ACCCTGGGCTTCAGTCCCGTGCCC 1122
Db 2 ACCCTGGGCTCAAGTCTCTGTGCC 25

RESULT 314
```

```
US-60-234-017-34944/c
; Sequence 34944, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 34944
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW061234
US-60-234-017-34944

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 785 ACGAGTGTCTCTCTGTAGTAACT 808
Db 25 ACGAGTGTCTCTCTGTATTTCT 2

RESULT 315
US-60-234-017-69206
; Sequence 69206, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 69206
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA874589
US-60-234-017-69206

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 TTTAATGATTCGCTACCAAGGTG 971
Db 2 TTTTCATGTCGTTCACCAAGATG 25

RESULT 316
US-60-234-017-169866/c
; Sequence 169866, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 169866

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 974 AGTCAAGCTCTACTCCATTGTTT 997
Db 25 CTAGTCCACCTATACCTCCTCTG 2

US-60-234-017-169866
; Sequence 169866, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 169866

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 974 AGTCAAGCTCTACTCCATTGTTT 997
Db 25 CTAGTCCACCTATACCTCCTCTG 2

US-60-234-017-181454
; Sequence 181454, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 181454
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank L76567
US-60-234-017-181454

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1278 GGAGGACAGCGCCCAAGGCACA 1301
Db 2 GGAGGACAGCGTCCACACGCTACA 25

RESULT 318
US-60-234-017-445508
; Sequence 445508, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 445508
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW045723
US-60-234-017-445508

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 974 AGTCAAGCTCTACTCCATTGTTT 997
Db 25 CTAGTCCACCTATACCTCCTCTG 2
```

```
Db 2 AGTCAGGCCCTACTCCACAGTTT 25
RESULT 319
US-60-353-987-480923
; Sequence 480923, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 480923
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-480923
Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1156 CCGGTGACTGCCCACTTGGG 1179
Db 1 CTCGTTACGTCCTCACTTGGC 24

RESULT 320
US-60-353-987-615992/c
; Sequence 615992, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 615992
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-615992
Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1057 GCCCAAAACCAAGCTTCACTCC 1080
Db 24 GCCCAAAATCCATCTACAGTGCC 1

RESULT 321
US-60-353-987-622693/c
; Sequence 622693, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 622693
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-622693
Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1093 ACCCCACCTGGGCTTCACTCC 1116
Db 24 ACCCTACCTGGAGTCCACTCC 1

RESULT 322
US-60-353-987-627250/c
; Sequence 627250, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 627250
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-627250
Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1244 CCTCCGACCCATCCCAACCC 1267
Db 24 CCTCCGACCATCCCTCGCCCC 1

RESULT 323
US-60-353-987-717525/c
; Sequence 717525, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 717525
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-717525
Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 792 TGTCTCTGTAGTAACTGTAGAA 815
Db 25 TGTCTCTGTAGTACTACAGAA 2

RESULT 324
US-60-427-808-101762
; Sequence 101762, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 101762
; LENGTH: 25
```

```
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-101762

Query Match
Best Local Similarity 0.8%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACCCGTGTGC 753
Db 2 CAGGAGGAGAGACACACCCGTGTGC 25

RESULT 325
US-60-427-808-136510/c
; Sequence 136510, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 136510
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-136510

Query Match
Best Local Similarity 0.8%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 867 CACTGAGGACTCAGGCACACAGT 890
Db 24 CTCGAGGACTCAGGACTTAAAGT 1

RESULT 326
US-60-427-808-294316/c
; Sequence 294316, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 294316
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-294316

Query Match
Best Local Similarity 0.8%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 735 GAAACAGAACCCGTGTGCCTG 758
Db 24 GAAACAGAACCCGTGTGATTG 1

RESULT 327
US-60-427-808-389011
; Sequence 389011, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808

; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-389011

Query Match
Best Local Similarity 0.8%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 774 TCTAAGAGAAAACGAGTGTCTC 797
Db 24 TCTAGGATTAACGAGTGTCTC 1

RESULT 330
US-60-427-808-698151
; Sequence 698151, Application US/60427808

; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 389011
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-389011

Query Match
Best Local Similarity 0.8%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 982 CTCTACTCCATTGTTGTGGAAA 1005
Db 1 CTGTAATCCATTATTGTGAGAAA 24

RESULT 328
US-60-427-808-389012
; Sequence 389012, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 389012
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-389012

Query Match
Best Local Similarity 0.8%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 982 CTCTACTCCATTGTTGTGGAAA 1005
Db 1 CTGTAATCCATTATTGTGAGAAA 24

RESULT 329
US-60-427-808-696649/c
; Sequence 696649, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 696649
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-696649

Query Match
Best Local Similarity 0.8%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 982 CTCTACTCCATTGTTGTGGAAA 1005
Db 1 CTGTAATCCATTATTGTGAGAAA 24

RESULT 330
US-60-427-808-698151
; Sequence 698151, Application US/60427808
```

```

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. NO. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels

QY      978 CAAGCTCTACTCCATTGTTTCTGG 1001
      |||||
Db       1 CAAGCTCTCTCTTAATGTTTCTGG 24

```

```

RESULT 335
US-60-475-871-39917
; Sequence 39917, Application US/60475871
; GENERAL INFORMATION:
; APPLICANT: Wyeth Research
; APPLICANT: Mounts, William M.
; APPLICANT: Murphy, Ellen M.
; TITLE OF INVENTION: Staphylococcus Aureus Nucleic Acid Arrays
; FILE REFERENCE: AM101085
; CURRENT APPLICATION NUMBER: US/60/475,871
; CURRENT FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 207175
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 39917
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Staphylococcus aureus

```

```
US-60-475-871-39917
Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 908 TTTCCTTTGGCTTTGGCTTTTAT 931
    ||||| ||||| ||||| |||||
Db 1 TTCTTTTAGTCTTGTCATTTAT 24

RESULT 336
US-60-475-871-150624/c
; Sequence 150624, Application US/60475871
; GENERAL INFORMATION:
; APPLICANT: Wyeth Research
; APPLICANT: Mounts, William M.
; APPLICANT: Murphy, Ellen M.
; TITLE OF INVENTION: Staphylococcus Aureus Nucleic Acid Arrays
; CURRENT APPLICATION NUMBER: US/60/475,871
; CURRENT FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 207175
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 150624
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Staphylococcus aureus
US-60-475-871-150624

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 992 TTGTTTGGGAATCGACACTG 1015
    ||||| ||||| ||||| |||||
Db 24 TTGCATTGGGACATCGACACTG 1

RESULT 337
US-60-507-481-33687/c
; Sequence 33687, Application US/60507481
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION IN ANIMAL
; FILE REFERENCE: AM101084
; CURRENT APPLICATION NUMBER: US/60/507,481
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 210107
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 33687
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Canis familiaris
US-60-507-481-33687

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1091 TCACCCCACTGGGCTTCAGTC 1114
    ||||| ||||| ||||| |||||
Db 25 TCACCCCACTGGGCTTCAGGC 2

RESULT 338
US-60-507-481-64448/c
; Sequence 64448, Application US/60507481
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
```

```
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION IN ANIMAL
; FILE REFERENCE: AM101084
; CURRENT APPLICATION NUMBER: US/60/507,481
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 210107
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 64448
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Canis familiaris
US-60-507-481-64448

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1081 ACTCCAGGCTTCACCCCACTCG 1104
    ||||| ||||| ||||| |||||
Db 24 ACACAGGCTTCACCCCACTCG 1

RESULT 339
US-60-507-481-110571
; Sequence 110571, Application US/60507481
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION IN ANIMAL
; FILE REFERENCE: AM101084
; CURRENT APPLICATION NUMBER: US/60/507,481
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 210107
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 110571
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Canis familiaris
US-60-507-481-110571

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 752 GCACCTGCCATGCGAGTTCTTC 775
    ||||| ||||| ||||| |||||
Db 1 GAACCTGGCATGCGAGATATCTTC 24

RESULT 340
US-60-507-481-176654/c
; Sequence 176654, Application US/60507481
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION IN ANIMAL
; FILE REFERENCE: AM101084
; CURRENT APPLICATION NUMBER: US/60/507,481
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 210107
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 176654
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Canis familiaris
US-60-507-481-176654

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```



```
QY 806 ACTGTAAGAAAGCCTGAGTGCA 829
Db 24 ACTGGAAGAAATGCTGAGTGCA 1

RESULT 341
US-60-507-511-52513
; Sequence 52513, Application US/60507511
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; FILE REFERENCE: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 203623
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 52513
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-507-511-52513

Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 833 AGTTGTCCTACCCAGATTGAGA 856
Db 1 AATTGTCCTACCTCAGATAGACA 24

RESULT 342
US-60-507-511-71524
; Sequence 71524, Application US/60507511
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; FILE REFERENCE: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 203623
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 71524
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-507-511-71524

Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 790 TGTGTCCTCTAGTAGTAAGTAA 813
Db 2 TGCTTCACTGTAGTAAGTAA 25

RESULT 343
US-60-507-511-163718
; Sequence 163718, Application US/60507511
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; FILE REFERENCE: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 203623
```

```
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 163718
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-507-511-163718

Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 836 TGTGCTACCCAGATTGAGAATG 859
Db 1 TGTGCTACCTCAGATAGACAGTG 24

RESULT 344
US-09-695-451-197/c
; Sequence 197, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 197
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-197

Query Match 0.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 756 CTGCCATGCAGGTTCTTT 774
Db 19 CTGCCATGCAGGTTCTTT 1

RESULT 345
US-10-702-817-197/c
; Sequence 197, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 197
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-197

Query Match 0.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 1.7e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 756 CTGCCATGCAGGTTTCTTT 774  
Db 19 CTGCCATGCAGGTTTCTTT 1

## RESULT 346

US-10-321-039-633  
; Sequence 633, Application US/10321039  
; GENERAL INFORMATION:  
; APPLICANT: Lyamichev, Victor  
; APPLICANT: Lukowiak, Andrew  
; APPLICANT: Jarvis, Nancy  
; APPLICANT: Kurensky, David  
; TITLE OF INVENTION: Amplification Methods and Compositions  
; FILE REFERENCE: FORS-06960  
; CURRENT APPLICATION NUMBER: US/10/321,039  
; CURRENT FILING DATE: 2002-12-17  
; PRIOR APPLICATION NUMBER: 09/998,157  
; PRIOR FILING DATE: 2001-11-30  
; PRIOR APPLICATION NUMBER: 60/329,113  
; PRIOR FILING DATE: 2001-10-12  
; PRIOR APPLICATION NUMBER: 60/360,489  
; PRIOR FILING DATE: 2001-10-19  
; NUMBER OF SEQ ID NOS: 759  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 633  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-10-321-039-633

Query Match 0.8%; Score 17.4; DB 1; Length 22;  
Best Local Similarity 94.7%; Pred. No. 1.9e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 726 CTGCCAGGAGAACAGAAC 744  
Db 4 CTGCCAGGAGAACAGAAC 22

## RESULT 347

US-10-354-953-760  
; Sequence 760, Application US/10354953  
; GENERAL INFORMATION:  
; APPLICANT: Dozn, Erin  
; APPLICANT: Rasmussen, Eric  
; TITLE OF INVENTION: Pharmacogenetic DME Detection Assay Methods and Kits  
; FILE REFERENCE: FORS-07810  
; CURRENT APPLICATION NUMBER: US/10/354,953  
; CURRENT FILING DATE: 2003-01-30  
; NUMBER OF SEQ ID NOS: 1120  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 760  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-10-354-953-760

Query Match 0.8%; Score 17.4; DB 1; Length 22;  
Best Local Similarity 94.7%; Pred. No. 1.9e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 726 CTGCCAGGAGAACAGAAC 744  
Db 4 CTGCCAGGAGAACAGAAC 22

## RESULT 348

US-07-954-185A-36/c  
; Sequence 36, Application US/07954185A  
; GENERAL INFORMATION:  
; APPLICANT: Ronnie C. Hanecak et al.  
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
; NUMBER OF SEQUENCES: 122  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn  
; ADDRESSEE: Kurtz Mackiewicz & Norris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/954,185A  
; FILING DATE: 19920929  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISIS-0704  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 36:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 22  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-07-954-185A-36

Query Match 0.8%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 2e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCCGACCCCATCCCCAACCCC 1266  
Db 22 CTCCGACCCCATCCCCAACCCC 1

## RESULT 349

US-07-954-185A-44/c  
; Sequence 44, Application US/07954185A  
; GENERAL INFORMATION:  
; APPLICANT: Ronnie C. Hanecak et al.  
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
; NUMBER OF SEQUENCES: 122  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn  
; ADDRESSEE: Kurtz Mackiewicz & Norris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/954,185A  
FILING DATE: 19920929  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISIS-0704  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-954-185A-44

Query Match 0.8%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 2e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266  
DB 22 CCCCAACCCCAACCCCAACCCC 1

RESULT 350  
US-07-954-185A-110/c  
Sequence 110, Application US/07954185A  
GENERAL INFORMATION:  
APPLICANT: Ronnie C. Hanecak et al.  
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
TITLE OF INVENTION: Sequence  
NUMBER OF SEQUENCES: 122  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/954,185A  
FILING DATE: 19920929  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISIS-0704  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 110:  
SEQUENCE CHARACTERISTICS:

LENGTH: 22  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-954-185A-110

Query Match 0.8%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 2e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266  
DB 22 CCCCAACCCCAACCCCAACCCC 1

RESULT 351  
US-07-954-185A-117/c  
Sequence 117, Application US/07954185A  
GENERAL INFORMATION:  
APPLICANT: Ronnie C. Hanecak et al.  
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
TITLE OF INVENTION: Sequence  
NUMBER OF SEQUENCES: 122  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/954,185A  
FILING DATE: 19920929  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISIS-0704  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 117:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-954-185A-117

Query Match 0.8%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 2e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266  
DB 22 CCCCAACCCCAACCCCAACCCC 1

RESULT 352  
US-09-299-058-36/c  
Sequence 36, Application US/09299058  
GENERAL INFORMATION:  
APPLICANT: Hanecak et al.  
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core

```

; ; Sequence
; ;
; ; NUMBER OF SEQUENCES: 146
; ; CORRESPONDENCE ADDRESS:
; ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; ; STREET: One Liberty Place - 46th Floor
; ; CITY: Philadelphia
; ; STATE: PA
; ; COUNTRY: U.S.A.
; ; ZIP: 19103
; ;
; ; COMPUTER READABLE FORM:
; ; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; ; COMPUTER: IBM PC compatible
; ; OPERATING SYSTEM: PC-DOS/MS-DOS
; ; SOFTWARE: WordPerfect 6.1
; ;
; ; CURRENT APPLICATION DATA:
; ; APPLICATION NUMBER: US/09/299,058
; ; FILING DATE: 23-Apr-1999
; ; CLASSIFICATION: N/A
; ;
; ; PRIOR APPLICATION DATA:
; ; APPLICATION NUMBER: 08/403,888
; ; FILING DATE: 12-JUNE-1995
; ;
; ; ATTORNEY/AGENT INFORMATION:
; ; NAME: Paul K. Leggaard
; ; REGISTRATION NUMBER: 38,534
; ; REFERENCE/DOCKET NUMBER: ISIS-1229
; ;
; ; TELECOMMUNICATION INFORMATION:
; ; TELEPHONE: 215-568-3100
; ; TELEFAX: 215-568-3439
; ; INFORMATION FOR SEQ ID NO: 36:
; ; SEQUENCE CHARACTERISTICS:
; ; LENGTH: 22
; ; TYPE: nucleic acid
; ; STRANDEDNESS: single
; ; TOPOLOGY: linear
; ; SEQUENCE DESCRIPTION: SEQ ID NO: 36:
; ;
; ; US-09-299-058-36
; ;
; ; Query Match 0.8%; Score 17.2; DB 1; Length 22;
; ; Best Local Similarity 86.4%; Pred. No. 2e+02;
; ; Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
; ;
; ; QY 1245 CTCGACCCCATCCCCAACCCC 1266
; ; Db 22 CCCCAACCCCAACCCCAACCCC 1
; ;
; ; RESULT 353
; ; US-09-299-058-44/c
; ; Sequence 44, Application US/09299058
; ; GENERAL INFORMATION:
; ; APPLICANT: Hanecak et al.
; ; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; ;
; ; NUMBER OF SEQUENCES: 146
; ; CORRESPONDENCE ADDRESS:
; ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; ; STREET: One Liberty Place - 46th Floor
; ; CITY: Philadelphia
; ; STATE: PA
; ; COUNTRY: U.S.A.
; ; ZIP: 19103
; ;
; ; COMPUTER READABLE FORM:
; ; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; ; COMPUTER: IBM PC compatible
; ; OPERATING SYSTEM: PC-DOS/MS-DOS
; ; SOFTWARE: WordPerfect 6.1
; ;
; ; CURRENT APPLICATION DATA:
; ; APPLICATION NUMBER: US/09/299,058
; ; FILING DATE: 23-Apr-1999
; ; CLASSIFICATION: N/A
; ;
; ; PRIOR APPLICATION DATA:
; ; APPLICATION NUMBER: 08/403,888
; ; FILING DATE: 12-JUNE-1995
; ;
; ; ATTORNEY/AGENT INFORMATION:
; ; NAME: Paul K. Leggaard
; ; REGISTRATION NUMBER: 38,534
; ; REFERENCE/DOCKET NUMBER: ISIS-1229
; ;
; ; TELECOMMUNICATION INFORMATION:
; ; TELEPHONE: 215-568-3100
; ; TELEFAX: 215-568-3439
; ; INFORMATION FOR SEQ ID NO: 37:
; ; SEQUENCE CHARACTERISTICS:
; ; LENGTH: 22
; ; TYPE: nucleic acid
; ; STRANDEDNESS: single
; ; TOPOLOGY: linear
; ; SEQUENCE DESCRIPTION: SEQ ID NO: 37:
; ;
; ; US-09-299-058-37
; ;
; ; Query Match 0.8%; Score 17.2; DB 1; Length 22;
; ; Best Local Similarity 86.4%; Pred. No. 2e+02;
; ; Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
; ;
; ; QY 1245 CTCGACCCCATCCCCAACCCC 1266
; ; Db 22 CCCCAACCCCAACCCCAACCCC 1
; ;
; ; RESULT 353
; ; US-09-299-058-44/c
; ; Sequence 44, Application US/09299058
; ; GENERAL INFORMATION:
; ; APPLICANT: Hanecak et al.
; ; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; ;
; ; NUMBER OF SEQUENCES: 146
; ; CORRESPONDENCE ADDRESS:
; ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; ; STREET: One Liberty Place - 46th Floor
; ; CITY: Philadelphia
; ; STATE: PA
; ; COUNTRY: U.S.A.
; ; ZIP: 19103
; ;
; ; COMPUTER READABLE FORM:
; ; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; ; COMPUTER: IBM PC compatible
; ; OPERATING SYSTEM: PC-DOS/MS-DOS
; ; SOFTWARE: WordPerfect 6.1
; ;
; ; CURRENT APPLICATION DATA:
; ; APPLICATION NUMBER: US/09/299,058
; ; FILING DATE: 23-Apr-1999
; ; CLASSIFICATION: N/A
; ;
; ; PRIOR APPLICATION DATA:
; ; APPLICATION NUMBER: 08/403,888
; ; FILING DATE: 12-JUNE-1995
; ;
; ; ATTORNEY/AGENT INFORMATION:
; ; NAME: Paul K. Leggaard
; ; REGISTRATION NUMBER: 38,534
; ; REFERENCE/DOCKET NUMBER: ISIS-1229
; ;
; ; TELECOMMUNICATION INFORMATION:
; ; TELEPHONE: 215-568-3100
; ; TELEFAX: 215-568-3439
; ; INFORMATION FOR SEQ ID NO: 38:
; ; SEQUENCE CHARACTERISTICS:
; ; LENGTH: 22
; ; TYPE: nucleic acid
; ; STRANDEDNESS: single
; ; TOPOLOGY: linear
; ; SEQUENCE DESCRIPTION: SEQ ID NO: 38:
; ;
; ; US-09-299-058-38
; ;
; ; Query Match 0.8%; Score 17.2; DB 1; Length 22;
; ; Best Local Similarity 86.4%; Pred. No. 2e+02;
; ; Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
; ;
; ; QY 1245 CTCGACCCCATCCCCAACCCC 1266
; ; Db 22 CCCCAACCCCAACCCCAACCCC 1
; ;
; ; RESULT 354
; ; US-09-299-058-110/c
; ; Sequence 110, Application US/09299058
; ; GENERAL INFORMATION:
; ; APPLICANT: Hanecak et al.
; ; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; ;
; ; NUMBER OF SEQUENCES: 146
; ; CORRESPONDENCE ADDRESS:
; ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; ; STREET: One Liberty Place - 46th Floor
; ; CITY: Philadelphia
; ; STATE: PA
; ; COUNTRY: U.S.A.
; ; ZIP: 19103
; ;
; ; COMPUTER READABLE FORM:
; ; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; ; COMPUTER: IBM PC compatible
; ; OPERATING SYSTEM: PC-DOS/MS-DOS
; ; SOFTWARE: WordPerfect 6.1
; ;
; ; CURRENT APPLICATION DATA:
; ; APPLICATION NUMBER: US/09/299,058
; ; FILING DATE: 23-Apr-1999
; ; CLASSIFICATION: N/A
; ;
; ; PRIOR APPLICATION DATA:
; ; APPLICATION NUMBER: 08/403,888
; ; FILING DATE: 12-JUNE-1995
; ;
; ; ATTORNEY/AGENT INFORMATION:
; ; NAME: Paul K. Leggaard
; ; REGISTRATION NUMBER: 38,534
; ; REFERENCE/DOCKET NUMBER: ISIS-1229
; ;
; ; TELECOMMUNICATION INFORMATION:
; ; TELEPHONE: 215-568-3100
; ; TELEFAX: 215-568-3439
; ; INFORMATION FOR SEQ ID NO: 110:
; ; SEQUENCE CHARACTERISTICS:
; ; LENGTH: 22
; ; TYPE: nucleic acid
; ; STRANDEDNESS: single
; ; TOPOLOGY: linear
; ; SEQUENCE DESCRIPTION: SEQ ID NO: 110:
; ;
; ; US-09-299-058-110
; ;
; ; Query Match 0.8%; Score 17.2; DB 1; Length 22;
; ; Best Local Similarity 86.4%; Pred. No. 2e+02;
; ; Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
; ;
; ; QY 1245 CTCGACCCCATCCCCAACCCC 1266
```

```

; ; ATTORNEY/AGENT INFORMATION:
; ; NAME: Paul K. Leggaard
; ; REGISTRATION NUMBER: 38,534
; ; REFERENCE/DOCKET NUMBER: ISIS-1229
; ;
; ; TELECOMMUNICATION INFORMATION:
; ; TELEPHONE: 215-568-3100
; ; TELEFAX: 215-568-3439
; ; INFORMATION FOR SEQ ID NO: 44:
; ; SEQUENCE CHARACTERISTICS:
; ; LENGTH: 22
; ; TYPE: nucleic acid
; ; STRANDEDNESS: single
; ; TOPOLOGY: linear
; ; SEQUENCE DESCRIPTION: SEQ ID NO: 44:
; ;
; ; US-09-299-058-44
; ;
; ; Query Match 0.8%; Score 17.2; DB 1; Length 22;
; ; Best Local Similarity 86.4%; Pred. No. 2e+02;
; ; Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
; ;
; ; QY 1245 CTCGACCCCATCCCCAACCCC 1266
; ; Db 22 CCCCAACCCCAACCCCAACCCC 1
; ;
; ; RESULT 354
; ; US-09-299-058-110/c
; ; Sequence 110, Application US/09299058
; ; GENERAL INFORMATION:
; ; APPLICANT: Hanecak et al.
; ; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; ;
; ; NUMBER OF SEQUENCES: 146
; ; CORRESPONDENCE ADDRESS:
; ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; ; STREET: One Liberty Place - 46th Floor
; ; CITY: Philadelphia
; ; STATE: PA
; ; COUNTRY: U.S.A.
; ; ZIP: 19103
; ;
; ; COMPUTER READABLE FORM:
; ; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; ; COMPUTER: IBM PC compatible
; ; OPERATING SYSTEM: PC-DOS/MS-DOS
; ; SOFTWARE: WordPerfect 6.1
; ;
; ; CURRENT APPLICATION DATA:
; ; APPLICATION NUMBER: US/09/299,058
; ; FILING DATE: 23-Apr-1999
; ; CLASSIFICATION: N/A
; ;
; ; PRIOR APPLICATION DATA:
; ; APPLICATION NUMBER: 08/403,888
; ; FILING DATE: 12-JUNE-1995
; ;
; ; ATTORNEY/AGENT INFORMATION:
; ; NAME: Paul K. Leggaard
; ; REGISTRATION NUMBER: 38,534
; ; REFERENCE/DOCKET NUMBER: ISIS-1229
; ;
; ; TELECOMMUNICATION INFORMATION:
; ; TELEPHONE: 215-568-3100
; ; TELEFAX: 215-568-3439
; ; INFORMATION FOR SEQ ID NO: 110:
; ; SEQUENCE CHARACTERISTICS:
; ; LENGTH: 22
; ; TYPE: nucleic acid
; ; STRANDEDNESS: single
; ; TOPOLOGY: linear
; ; SEQUENCE DESCRIPTION: SEQ ID NO: 110:
; ;
; ; US-09-299-058-110
; ;
; ; Query Match 0.8%; Score 17.2; DB 1; Length 22;
; ; Best Local Similarity 86.4%; Pred. No. 2e+02;
; ; Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
; ;
; ; QY 1245 CTCGACCCCATCCCCAACCCC 1266
```



```
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 359
PCT-US03-20167-29/c
; Sequence 29, Application PC/TUS0320167
; GENERAL INFORMATION:
; APPLICANT: Bates, Paula J
; APPLICANT: Mi, Yingchang
; TITLE OF INVENTION: A NEW METHOD FOR THE DIAGNOSIS AND PROGNOSIS OF MALIGNANT
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 0979910-0035
; CURRENT APPLICATION NUMBER: PCT/US03/20167
; CURRENT FILING DATE: 2003-06-26
; PRIOR APPLICATION NUMBER: 60/392,143
; PRIOR FILING DATE: 2002-06-26
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 29
; LENGTH: 24
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
PCT-US03-20167-29

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCAATCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 360
US-07-954-185A-35/c
; Sequence 35, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 35
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-954-185A-35/c

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCAATCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 362
US-07-954-185A-109/c
; Sequence 109, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
```

```
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-954-185A-35

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCAATCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 361
US-07-954-185A-43/c
; Sequence 43, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 43
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-954-185A-43

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCAATCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 362
US-07-954-185A-109/c
; Sequence 109, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
```

```

; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 109:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-954-185A-109

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 363
US-07-954-185A-116/c
; Sequence 116, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Romlie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 116:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-954-185A-116

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 364
US-08-529-190A-4
; Sequence 4, Application US/08529190A
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 75 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/529,190A
; FILING DATE: 15-SEP-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen A
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: THERE-005AX
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-529-190A-4

Query Match 0.8%; Score 17.2; DB 1; Length 24;

```

Best Local Similarity 86.4%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1126 TCACCTTACCTCCAGCTCCA 1147  
Db 2 TCCACCCGACCTCCAGACCA 23

## RESULT 365

US-08-529-190A-5/c  
; Sequence 5, Application US/08529190A  
; GENERAL INFORMATION:  
; APPLICANT: Masucci, Maria G.  
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES  
; TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM  
; NUMBER OF SEQUENCES: 63  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Allegretti  
; STREET: 75 State Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: Wordperfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/529,190A  
; FILING DATE: 15-SEP-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Williams, Ph.D., Kathleen A  
; REGISTRATION NUMBER: 34,380  
; REFERENCE/DOCKET NUMBER: THERE-005AX  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-345-9100  
; TELEFAX: 617-345-9111  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic DNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:  
; ORIGINAL SOURCE:  
; FEATURE:  
; NAME/KEY: Coding Sequence  
; LOCATION: 1...24  
; OTHER INFORMATION:  
US-08-529-190A-5

Query Match 0.8%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1129 ACCTTACCTCCAGCTCCACT 1150  
Db 24 ACCCGACCTCCAGCTCCACT 3

## RESULT 366

US-08-733-369A-60  
; Sequence 60, Application US/08733369A  
; GENERAL INFORMATION:

; APPLICANT: Masucci, Maria G.  
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES. CONFERRING  
; TITLE OF INVENTION: INVISIBILITY TO THE IMMUNE SYSTEM.  
; NUMBER OF SEQUENCES: 123  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.  
; STREET: One Financial Center  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02111

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Wordperfect 6.1a  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/733,369A  
; FILING DATE: 17 October, 1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/522,995  
; FILING DATE: 01-SEP-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/529,190  
; FILING DATE: 15-SEP-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: SE 95013249  
; FILING DATE: 10-APR-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB96/00876  
; FILING DATE: 10-APR-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Williams, Kathleen M.  
; REGISTRATION NUMBER: 34,380  
; REFERENCE/DOCKET NUMBER: 95-1391-D  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-345-9100  
; TELEFAX: 617-345-9111  
; INFORMATION FOR SEQ ID NO: 60:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24 bases  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
US-08-733-369A-60

Query Match 0.8%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1126 TCACCTTACCTCCAGCTCCA 1147  
Db 2 TCCACCCGACCTCCAGACCA 23

## RESULT 367

US-08-733-369A-61/c  
; Sequence 61, Application US/08733369A  
; GENERAL INFORMATION:  
; APPLICANT: Masucci, Maria G.  
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES CONFERRING  
; TITLE OF INVENTION: INVISIBILITY TO THE IMMUNE SYSTEM.  
; NUMBER OF SEQUENCES: 123  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.  
; STREET: One Financial Center  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage



```
/
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Wordperfect 6.1a
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/733,369A
/ FILING DATE: 17 October, 1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/522,995
/ FILING DATE: 01-SEP-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/529,130
/ FILING DATE: 15-SEP-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: SE 95013249
/ FILING DATE: 10-APR-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/GB96/00876
/ FILING DATE: 10-APR-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Williams, Kathleen M.
/ REGISTRATION NUMBER: 34,380
/ REFERENCE/DOCKET NUMBER: 95-1391-D
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-345-9100
/ TELEFAX: 617-345-9111
/ INFORMATION FOR SEQ ID NO: 61:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ US-08-733-369A-61
/
/ Query Match 0.8%; Score 17.2; DB 1; Length 24;
/ Best Local Similarity 86.4%; Pred. No. 2.2e+02;
/ Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 1129 ACCTTCACCTCCAGTCCACCT 1150
/ Db 24 ACCCGACCTCCAGTCCACCT 3
/
/ RESULT 368
/ US-08-970-900-55
/ Sequence 55, Application US/08970900
/ GENERAL INFORMATION:
/ APPLICANT: Masucci, Maria G.
/ TITLE OF INVENTION: FUSION PROTEINS HAVING INCREASED HALF-LIVES.
/ NUMBER OF SEQUENCES: 91
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.
/ STREET: One Financial Center
/ CITY: Boston
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02111
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Wordperfect 6.1a
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/970,900
/ FILING DATE: 14-NOV-1997
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/030,986
/ FILING DATE: 15-NOV-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/048,945
/ FILING DATE: 25-JUN-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Williams, Kathleen M.
/ REGISTRATION NUMBER: 34,380
/ REFERENCE/DOCKET NUMBER: 3255/59831
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-345-9100
/ TELEFAX: 617-345-9111
/ INFORMATION FOR SEQ ID NO: 56:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ US-08-970-900-56
/
/ Query Match 0.8%; Score 17.2; DB 1; Length 24;
/ Best Local Similarity 86.4%; Pred. No. 2.2e+02;
/ Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 1129 ACCTTCACCTCCAGTCCACCT 1150
/ Db 24 ACCCGACCTCCAGTCCACCT 3
/
/ RESULT 368
/ US-08-970-900-55
/ Sequence 55, Application US/08970900
/ GENERAL INFORMATION:
/ APPLICANT: Masucci, Maria G.
/ TITLE OF INVENTION: FUSION PROTEINS HAVING INCREASED HALF-LIVES.
/ NUMBER OF SEQUENCES: 91
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.
/ STREET: One Financial Center
/ CITY: Boston
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02111
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Wordperfect 6.1a
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/970,900
/ FILING DATE: 14-NOV-1997
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/030,986
/ FILING DATE: 15-NOV-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/048,945
/ FILING DATE: 25-JUN-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Williams, Kathleen M.
```

```
/
/ REGISTRATION NUMBER: 34,380
/ REFERENCE/DOCKET NUMBER: 3255/59831
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-345-9100
/ TELEFAX: 617-345-9111
/ INFORMATION FOR SEQ ID NO: 55:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ US-08-970-900-55
/
/ Query Match 0.8%; Score 17.2; DB 1; Length 24;
/ Best Local Similarity 86.4%; Pred. No. 2.2e+02;
/ Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 1126 TCCACCTTCACCTCCAGTCCA 1147
/ Db 2 TCCACCGCACCTCCAGCACCA 23
/
/ RESULT 369
/ US-08-970-900-56/c
/ Sequence 56, Application US/08970900
/ GENERAL INFORMATION:
/ APPLICANT: Masucci, Maria G.
/ TITLE OF INVENTION: FUSION PROTEINS HAVING INCREASED HALF-LIVES.
/ NUMBER OF SEQUENCES: 91
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.
/ STREET: One Financial Center
/ CITY: Boston
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02111
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Wordperfect 6.1a
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/970,900
/ FILING DATE: 14-NOV-1997
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/030,986
/ FILING DATE: 15-NOV-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/048,945
/ FILING DATE: 25-JUN-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Williams, Kathleen M.
/ REGISTRATION NUMBER: 34,380
/ REFERENCE/DOCKET NUMBER: 3255/59831
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-345-9100
/ TELEFAX: 617-345-9111
/ INFORMATION FOR SEQ ID NO: 56:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ US-08-970-900-56
/
/ Query Match 0.8%; Score 17.2; DB 1; Length 24;
/ Best Local Similarity 86.4%; Pred. No. 2.2e+02;
/ Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 1129 ACCTTCACCTCCAGTCCACCT 1150
/ Db 24 ACCCGACCTCCAGTCCACCT 3
/
/ RESULT 368
/ US-08-970-900-55
/ Sequence 55, Application US/08970900
/ GENERAL INFORMATION:
/ APPLICANT: Masucci, Maria G.
/ TITLE OF INVENTION: FUSION PROTEINS HAVING INCREASED HALF-LIVES.
/ NUMBER OF SEQUENCES: 91
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.
/ STREET: One Financial Center
/ CITY: Boston
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02111
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Wordperfect 6.1a
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/970,900
/ FILING DATE: 14-NOV-1997
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/030,986
/ FILING DATE: 15-NOV-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/048,945
/ FILING DATE: 25-JUN-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Williams, Kathleen M.
```



```
;
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 24
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 43:
US-09-299-058-43

Query Match          0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1245 CTCGACCCCATCCCCAACCCC 1266
Db 24  CCCCACCCCAACCCCAACCCC 3

RESULT 374
US-09-299-058-109/c
; Sequence 109, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 109:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 24
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 109:
US-09-299-058-109

Query Match          0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1245 CTCGACCCCATCCCCAACCCC 1266
Db 24  CCCCACCCCAACCCCAACCCC 3

RESULT 375
US-09-299-058-116/c
; Sequence 116, Application US/09299058
; GENERAL INFORMATION:
```

```
;
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 116:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 24
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 116:
US-09-299-058-116

Query Match          0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1245 CTCGACCCCATCCCCAACCCC 1266
Db 24  CCCCACCCCAACCCCAACCCC 3

RESULT 376
US-09-352-716A-33
; Sequence 33, Application US/09352716A
; GENERAL INFORMATION:
; APPLICANT: Coughlin, Shaun
; APPLICANT: Kahn, Mark
; TITLE OF INVENTION: Protease Activated Receptor 4 and Uses
; FILE REFERENCE: 220002060400
; CURRENT APPLICATION NUMBER: US/09/352,716A
; CURRENT FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-352-716A-33

Query Match          0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1283 ACAGCGCCCAACGACACAGAG 1304
      ||||| ||||| ||||| ||||| |||||
```

```
Db      3 ACAGCCACCACAGCCCATAG 24

RESULT 377
US-09-352-716B-33
; Sequence 33, Application US/09352716B
; GENERAL INFORMATION:
; APPLICANT: Coughlin, Shaun
; APPLICANT: Kahn, Mark
; TITLE OF INVENTION: Protease Activated Receptor 4 and Uses
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: 22002060410
; CURRENT APPLICATION NUMBER: US/09/352,716B
; CURRENT FILING DATE: 1999-07-13
; PRIOR APPLICATION NUMBER: 09/032,397
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-352-716B-33

Query Match      0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1283 ACAGGCCACACAGCCACAG 1304
||||| ||||| ||||| ||||| |||||
Db      3 ACAGCCACCACAGCCCATAG 24

RESULT 378
US-09-361-503-29
; Sequence 29, Application US/09361503
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine M. Strahl
; APPLICANT: Michael J. Mceachern
; APPLICANT: Jerry Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth H. Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: CONDITIONS RELATED TO
; TITLE OF INVENTION: TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/361,503
; FILING DATE: Filed Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/819,867
; FILING DATE: March 14, 1997

Db      1245 CTCGACCCCATCCCCAACCCC 1266
||||| ||||| ||||| ||||| |||||
Db      1 CCCCACCCCAACCCCAACCCC 22

RESULT 379
US-09-361-503-32/c
; Sequence 32, Application US/09361503
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine M. Strahl
; APPLICANT: Michael J. Mceachern
; APPLICANT: Jerry Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth H. Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: CONDITIONS RELATED TO
; TITLE OF INVENTION: TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/361,503
; FILING DATE: Filed Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/819,867
; FILING DATE: March 14, 1997
; APPLICATION NUMBER: 08/153,051
; FILING DATE: November 12, 1993
; APPLICATION NUMBER:
; FILING DATE:
```

ATTORNEY/AGENT INFORMATION:  
 NAME: Murdock, Douglas C.  
 REGISTRATION NUMBER: 37,549  
 REFERENCE/DOCKET NUMBER: 238/304  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 32:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 24 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-09-361-503-32

Query Match 0.8%; Score 17.2; DB 1; Length 24;  
 Best Local Similarity 86.4%; Pred. No. 2.2e+02;  
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266  
 DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 380  
 US-09-361-503-34/c  
 Sequence 34, Application US/09361503  
 GENERAL INFORMATION:  
 APPLICANT: Michael D. West  
 APPLICANT: Calvin B. Harley  
 APPLICANT: Scott L. Weinrich  
 APPLICANT: Catherine M. Strahl  
 APPLICANT: Michael J. Mceachern  
 APPLICANT: Jerry Shay  
 APPLICANT: Woodring E. Wright  
 APPLICANT: Elizabeth H. Blackburn  
 APPLICANT: Nam Woo Kim  
 APPLICANT: Homayoun Vaziri  
 TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
 TITLE OF INVENTION: CONDITIONS RELATED TO  
 TITLE OF INVENTION: TELOMERE LENGTH AND/OR  
 TITLE OF INVENTION: TELOMERASE ACTIVITY  
 NUMBER OF SEQUENCES: 80  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: Storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSeq for Windows 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/361,503  
 FILING DATE: Filed Herewith  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/819,867  
 FILING DATE: March 14, 1997  
 APPLICATION NUMBER: 08/153,051  
 FILING DATE: November 12, 1993  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Murdock, Douglas C.  
 REGISTRATION NUMBER: 37,549  
 REFERENCE/DOCKET NUMBER: 238/304

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 34:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 24 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-09-361-503-34

Query Match 0.8%; Score 17.2; DB 1; Length 24;  
 Best Local Similarity 86.4%; Pred. No. 2.2e+02;  
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266  
 DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 381  
 US-09-459-824-3/c  
 Sequence 3, Application US/09459824  
 GENERAL INFORMATION:  
 APPLICANT: Hardin, Charles  
 APPLICANT: Brown, Bernard  
 APPLICANT: Roberts, John  
 APPLICANT: Pelsue, Stephen  
 APPLICANT: Shultz, Leonard  
 TITLE OF INVENTION: ANTIBODIES THAT SELECTIVELY BIND QUADRUPEX NUCLEIC ACIDS  
 FILE REFERENCE: 5051.301.ADV  
 CURRENT APPLICATION NUMBER: US/09/459,824  
 CURRENT FILING DATE: 1999-12-13  
 PRIOR APPLICATION NUMBER: 08/729,598  
 PRIOR FILING DATE: 1996-10-11  
 PRIOR APPLICATION NUMBER: 60/005,242  
 PRIOR FILING DATE: 1995-10-12  
 NUMBER OF SEQ ID NOS: 13  
 SOFTWARE: Patent in version 3.0  
 SEQ ID NO 3  
 LENGTH: 24  
 TYPE: DNA  
 ORGANISM: synthetic construct  
 US-09-459-824-3

Query Match 0.8%; Score 17.2; DB 1; Length 24;  
 Best Local Similarity 86.4%; Pred. No. 2.2e+02;  
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266  
 DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 382  
 US-09-860-784A-142/c  
 Sequence 142, Application US/09860784A  
 GENERAL INFORMATION:  
 APPLICANT: PEYMAN, ANUSCHIRWAN  
 APPLICANT: UHLMANN, EUGEN  
 TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES  
 FILE REFERENCE: 38005-0149  
 CURRENT APPLICATION NUMBER: US/09/860,784A  
 CURRENT FILING DATE: 2001-05-21  
 PRIOR APPLICATION NUMBER: 09/631,946  
 PRIOR FILING DATE: 2000-08-03  
 PRIOR APPLICATION NUMBER: 09/258,408  
 PRIOR FILING DATE: 1999-02-26  
 PRIOR APPLICATION NUMBER: 08/594,452  
 PRIOR FILING DATE: 1996-01-31  
 PRIOR APPLICATION NUMBER: DE 195 02 912.7  
 PRIOR FILING DATE: 1995-01-31

```
/ NUMBER OF SEQ ID NOS: 145
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 142
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-860-784A-142

Query Match          0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 383
US-10-038-335-4/c
/ Sequence 4, Application US/10038335
/ GENERAL INFORMATION:
/ APPLICANT: Ecker, David J.
/ APPLICANT: Wyatt, Jacqueline
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Hanecak, Ronnie
/ APPLICANT: Brown-Driver, Vickie
/ APPLICANT: Vickers, Timothy
/ APPLICANT: Chiang, Ming-yi
/ APPLICANT: Anderson, Kevin
/ TITLE OF INVENTION: Modulation Of Telomere Length By Oligonucleotides Having A G-Core
/ FILE REFERENCE: ISIS-4976
/ CURRENT APPLICATION NUMBER: US/10/038,335
/ PRIOR FILING DATE: 2001-01-02
/ PRIOR APPLICATION NUMBER: 09/299,058
/ PRIOR FILING DATE: 1999-04-23
/ PRIOR APPLICATION NUMBER: 08/403,888
/ PRIOR FILING DATE: 1995-06-12
/ PRIOR APPLICATION NUMBER: PCT/US93/09297
/ PRIOR FILING DATE: 1993-09-29
/ PRIOR APPLICATION NUMBER: 07/954,185
/ PRIOR FILING DATE: 1992-09-29
/ NUMBER OF SEQ ID NOS: 10
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 4
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Novel sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense sequence
US-10-038-335-4

Query Match          0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 384
US-10-118-854-29/c
/ Sequence 29, Application US/10118854
/ GENERAL INFORMATION:
/ APPLICANT: Bates, Paula J
/ APPLICANT: Miller, Donald M
/ APPLICANT: Trent, John O
/ APPLICANT: Xu, Xiaohua
/ TITLE OF INVENTION: A NEW METHOD FOR THE DIAGNOSIS AND PROGNOSIS OF MALIGNANT
```

```
/ TITLE OF INVENTION: DISEASES
/ FILE REFERENCE: 9799910-
/ CURRENT APPLICATION NUMBER: US/10/118,854
/ CURRENT FILING DATE: 2003-04-08
/ NUMBER OF SEQ ID NOS: 38
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 29
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ OTHER INFORMATION: synthetic oligonucleotide
US-10-118-854-29

Query Match          0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 385
US-10-232-927A-29
/ Sequence 29, Application US/10232927A
/ GENERAL INFORMATION:
/ APPLICANT: Michael D. West
/ APPLICANT: Calvin B. Harley
/ APPLICANT: Scott L. Weinrich
/ APPLICANT: Catherine M. Strahl
/ APPLICANT: Michael J. Meeachern
/ APPLICANT: Jerry Shay
/ APPLICANT: Woodring E. Wright
/ APPLICANT: Elizabeth H. Blackburn
/ APPLICANT: Nam Woo Kim
/ APPLICANT: Homayoun Vaziri
/ TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
/ CONDITIONS RELATED TO
/ TELOMERE LENGTH AND/OR
/ TELOMERASE ACTIVITY

NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/232,927A
FILING DATE: 29-Aug-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/378,535
FILING DATE: 20-Aug-1999
APPLICATION NUMBER: 08/819,867
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Chambers, Daniel M.
REGISTRATION NUMBER: 34,561
REFERENCE/DOCKET NUMBER: 224/232
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
```

```
;
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-10-232-927A-29
Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1245 CTCGACCCCATCCCAACCCC 1266
Db 1 CCCCAACCCCAACCCCAACCCC 22
RESULT 386
US-10-232-927A-32/c
; Sequence 32, Application US/10232927A
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Meeachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927A
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
```

```
;
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-10-232-927A-32
Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1245 CTCGACCCCATCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3
RESULT 387
US-10-232-927A-34/c
; Sequence 34, Application US/10232927A
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Meeachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927A
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-10-232-927A-34
Query Match 0.8%; Score 17.2; DB 1; Length 24;
```

```
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 388
US-10-232-927B-29
; Sequence 29, Application US/10232927B
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Mceachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
;
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
;
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927B
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: 435
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/819,867
; FILING DATE: March 14, 1997
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/153,051
; FILING DATE: November 12, 1993
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
;
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
;
US-10-232-927B-29
Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 389
US-10-232-927B-32/c
; Sequence 32, Application US/10232927B
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Mceachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
;
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
;
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927B
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: 435
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/819,867
; FILING DATE: March 14, 1997
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/153,051
; FILING DATE: November 12, 1993
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
;
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
;
US-10-232-927B-32
Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```



QY 1245 CTCGACCCCATCCCAACCCC 1266  
Db 24 CCCAACCCCAACCCCAACCCC 3

## RESULT 390

US-10-232-927B-34/c

; Sequence 34, Application US/10232927B

; GENERAL INFORMATION:

; APPLICANT: Michael D. West

; Calvin B. Harley

; Scott L. Weinrich

; Catherine M. Strahl

; Michael J. McEachern

; Jerry Shay

; Woodring E. Wright

; Elizabeth H. Blackburn

; Nam Woo Kim

; Homayoun Vaziri

; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF

; CONDITIONS RELATED TO

; TELOMERE LENGTH AND/OR

; TELOMERASE ACTIVITY

; NUMBER OF SEQUENCES: 80

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon &amp; Lyon

; STREET: 633 West Fifth Street

; Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FastSeq for Windows 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/232,927B

; FILING DATE: 29-Aug-2002

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/819,867

; FILING DATE: March 14, 1997

; APPLICATION NUMBER: &lt;Unknown&gt;

; FILING DATE: &lt;Unknown&gt;

; APPLICATION NUMBER: 08/153,051

; FILING DATE: November 12, 1993

; APPLICATION NUMBER: &lt;Unknown&gt;

; FILING DATE: &lt;Unknown&gt;

; ATTORNEY/AGENT INFORMATION:

; NAME: Chambers, Daniel M.

; REGISTRATION NUMBER: 34,561

; REFERENCE/DOCKET NUMBER: 224/232

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 34:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 24 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; SEQUENCE DESCRIPTION: SEQ ID NO: 34:

US-10-232-927B-34

Query Match 0.8%; Score 17.2; DB 1; Length 24;

Best Local Similarity 86.4%; Pred. No. 2.2e+02;

Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266  
Db 24 CCCAACCCCAACCCCAACCCC 3

## RESULT 391

US-10-607-455-29/c

; Sequence 29, Application US/10607455

; GENERAL INFORMATION:

; APPLICANT: Bates, Paula J

; APPLICANT: Mi, Yingchang

; TITLE OF INVENTION: A NEW METHOD FOR THE DIAGNOSIS AND PROGNOSIS OF MALIGNANT

; DISEASES

; FILE REFERENCE: 0979910-0034

; CURRENT APPLICATION NUMBER: US/10/607,455

; PRIOR FILING DATE: 2003-06-26

; PRIOR APPLICATION NUMBER: 60/392,143

; PRIOR FILING DATE: 2002-06-26

; NUMBER OF SEQ ID NOS: 38

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 29

; LENGTH: 24

; TYPE: DNA

; ORGANISM: artificial sequence

; FEATURE:

; OTHER INFORMATION: synthetic oligonucleotide

US-10-607-455-29

Query Match 0.8%; Score 17.2; DB 1; Length 24;

Best Local Similarity 86.4%; Pred. No. 2.2e+02;

Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266  
Db 24 CCCAACCCCAACCCCAACCCC 3

## RESULT 392

US-09-695-451-152/c

; Sequence 152, Application US/09695451

; GENERAL INFORMATION:

; APPLICANT: Brenda F. Baker

; APPLICANT: Lex M. Cowser

; APPLICANT: Hong Zhang

; APPLICANT: Nicholas M. Dean

; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFRI EXPRESSION

; FILE REFERENCE: ISPH-0518

; CURRENT APPLICATION NUMBER: US/09/695,451

; CURRENT FILING DATE: 2000-10-24

; PRIOR APPLICATION NUMBER: US 09/106,038

; PRIOR FILING DATE: 1998-06-26

; PRIOR APPLICATION NUMBER: PCT/US99/13763

; PRIOR FILING DATE: 1999-06-17

; NUMBER OF SEQ ID NOS: 246

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 152

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-695-451-152

Query Match 0.8%; Score 17; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 1.7e+02;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1169 CCAACTTTGCGGCTCCC 1185  
Db 17 CCAACTTTGCGGCTCCC 1

## RESULT 393

US-10-702-817-152/c  
; Sequence 152, Application US/10702817  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFRI EXPRESSION  
; FILE REFERENCE: ISPH-0797  
; CURRENT APPLICATION NUMBER: US/10/702,817  
; CURRENT FILING DATE: 2003-11-06  
; PRIOR APPLICATION NUMBER: US 09/106,038  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 09/695,451  
; PRIOR FILING DATE: 2000-10-24  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 152  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-152

Query Match 0.8%; Score 17; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1169 CCAACTTTGGGCTCCC 1185  
Db 17 CCAACTTTGGGCTCCC 1

RESULT 394  
US-09-949-427-355  
; Sequence 355, Application US/09949427  
; GENERAL INFORMATION:  
; APPLICANT: Bodnar, Jackie S.  
; APPLICANT: Castellani, Lawrence W.  
; APPLICANT: Chatterjee, Aurobindo  
; APPLICANT: de Jong, Pieter  
; APPLICANT: Lusiis, Aldons J.  
; APPLICANT: Ohmen, Jeff  
; APPLICANT: Ross, David  
; APPLICANT: Tafuri, Sherrie  
; APPLICANT: Wu, Chenyan  
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer  
; FILE REFERENCE: 02810.0014.NPUS02  
; CURRENT APPLICATION NUMBER: US/09/949,427  
; CURRENT FILING DATE: 2001-09-07  
; PRIOR APPLICATION NUMBER: 60/231,322  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 405  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 355  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Primer  
US-09-949-427-355

Query Match 0.8%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 866 GCACTGAGGACTCAGGCACC 885  
Db 1 GCTCTGAGGACTCAGGCCTCC 20

RESULT 395  
US-09-949-427A-355

; Sequence 355, Application US/09949427A  
; GENERAL INFORMATION:  
; APPLICANT: Bodnar, Jackie S.  
; APPLICANT: Castellani, Lawrence W.  
; APPLICANT: Chatterjee, Aurobindo  
; APPLICANT: de Jong, Pieter  
; APPLICANT: Lusiis, Aldons J.  
; APPLICANT: Ohmen, Jeff  
; APPLICANT: Ross, David  
; APPLICANT: Tafuri, Sherrie  
; APPLICANT: Wu, Chenyan  
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer  
; FILE REFERENCE: 8038 02810-0014  
; CURRENT APPLICATION NUMBER: US/09/949,427A  
; CURRENT FILING DATE: 2001-09-07  
; PRIOR APPLICATION NUMBER: 60/231,322  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 415  
; SOFTWARE: PatentIn version 2.1  
; SEQ ID NO 355  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Primer  
US-09-949-427A-355

Query Match 0.8%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 866 GCACTGAGGACTCAGGCACC 885  
Db 1 GCTCTGAGGACTCAGGCCTCC 20

RESULT 396  
US-09-949-428-355  
; Sequence 355, Application US/09949428  
; GENERAL INFORMATION:  
; APPLICANT: Bodnar, Jackie S.  
; APPLICANT: Castellani, Lawrence W.  
; APPLICANT: Chatterjee, Aurobindo  
; APPLICANT: de Jong, Pieter  
; APPLICANT: Lusiis, Aldons J.  
; APPLICANT: Ohmen, Jeff  
; APPLICANT: Ross, David  
; APPLICANT: Tafuri, Sherrie  
; APPLICANT: Wu, Chenyan  
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Lipid Disorder  
; FILE REFERENCE: 02810.0014.NPUS01  
; CURRENT APPLICATION NUMBER: US/09/949,428  
; CURRENT FILING DATE: 2001-09-07  
; PRIOR APPLICATION NUMBER: 60/231,322  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 405  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 355  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Primer  
US-09-949-428-355

Query Match 0.8%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 866 GCACTGAGGACTCAGGCACC 885  
Db 1 GCTCTGAGGACTCAGGCCTCC 20

```

; LOCATION: (4224673)...(4224696)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectonObjectNumber = 465
US-10-227-565-43471

Query Match      0.8%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGCTCCA 1147
      |||||
DB 4 CACCTTCAGCGCCAGCTCCA 23

RESULT 400
US-10-367-832A-43471
; Sequence 43471, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 43471
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (4224673)...(4224696)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectonObjectNumber = 465
US-10-367-832A-43471

Query Match      0.8%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGCTCCA 1147
      |||||
DB 4 CACCTTCAGCGCCAGCTCCA 23

RESULT 401
US-09-695-451-151/c
; Sequence 151, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 151
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-151

Query Match      0.8%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1167 TCCCAACTTTCGGCTCC 1184
```

```

; LOCATION: (4224673)...(4224696)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectonObjectNumber = 46564
US-10-227-565-43471

Query Match      0.8%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1052 CCTGGCCCAACCCAGC 1071
      |||||
DB 21 CCTGGCCCAACCCAGC 2

RESULT 398
PCT-US02-25943-43471
; Sequence 43471, Application PC/TUS0225943
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25943
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 43471
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (4224673)...(4224696)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectonObjectNumber = 46564
PCT-US02-25943-43471

Query Match      0.8%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGCTCCA 1147
      |||||
DB 4 CACCTTCAGCGCCAGCTCCA 23

RESULT 399
US-10-227-565-43471
; Sequence 43471, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 43471
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
```

```
Db 18 TACCACTTTGGCGCTCC 1
;
; CURRENT FILING DATE: 2003-01-24
; NUMBER OF SEQ ID NOS: 284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-349-780A-30

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 867 CACTGAGGACTCAGGCACAC 887
Db 21 CACTGGTGACTCAGGCACAC 1

RESULT 405
US-10-751-736-17819
; Sequence 17819, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17819
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAl
US-10-751-736-17819

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 52.4%; Pred. No. 2.7e+02;
Matches 11; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 977 CCAAGCTCTACTCCATGTTT 997
Db 1 CCAAGCUCUACUGCAUUUUU 21

RESULT 406
US-10-751-736-27496/c
; Sequence 27496, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27496
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-27496
```

```
Db 18 TACCACTTTGGCGCTCC 1
;
; CURRENT FILING DATE: 2003-01-24
; NUMBER OF SEQ ID NOS: 284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-349-780A-30

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 867 CACTGAGGACTCAGGCACAC 887
Db 21 CACTGGTGACTCAGGCACAC 1

RESULT 405
US-10-751-736-17819
; Sequence 17819, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17819
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAl
US-10-751-736-17819

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 52.4%; Pred. No. 2.7e+02;
Matches 11; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 977 CCAAGCTCTACTCCATGTTT 997
Db 1 CCAAGCUCUACUGCAUUUUU 21

RESULT 406
US-10-751-736-27496/c
; Sequence 27496, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27496
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-27496
```

```
Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 890 TGCTGTGCCCTCGTCAATT 910
Db 21 TTCTGTGCCACTGTCAATT 1

RESULT 407
US-60-216-745-5635
; Sequence 5635, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilyia
; APPLICANT: Abderrahim, Hadi
; APPLICANT: Dufauré-Gare, Isabelle
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
; FILE REFERENCE: 84.US1.PRO
; CURRENT APPLICATION NUMBER: US/60/216,745
; CURRENT FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 13665
; SOFTWARE: Patent.pm
; SEQ ID NO 5635
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-18835 for SEQ 1104,
US-60-216-745-5635

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 904 GTCATTTCTTTGCTTTGC 924
Db 1 GTCATTTCTTTGCTTTAC 21

RESULT 408
US-10-310-188-21667/c
; Sequence 21667, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 21667
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-21667

Query Match 0.7%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 2.8e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1247 CCGACCCCATCCCAACCCC 1267
Db 22 CAGACTCCATCCCAACCCC 2

RESULT 409
US-10-310-188-22799/c
; Sequence 22799, Application US/10310188
```

```
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY G
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 22799
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-22799

Query Match 0.7%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1250 ACCCATCCCAACCCCTTC 1270
Db 22 ACCCATCCCAACCCCTTC 2

RESULT 410
US-10-310-188-47124/c
; Sequence 47124, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY G
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 47124
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-47124

Query Match 0.7%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1015 GAAAAAGAGGGGAGCTTGA 1035
Db 22 GAAAAAGAGGGGAGCTTGA 2

RESULT 411
US-09-695-451-153/c
; Sequence 153, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 153
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-153

Query Match          0.7%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1224 CATCCTTGGCAGCC 1239
Db 18 CATCCTTGGCAGCC 3

RESULT 412
US-10-702-817-153/c
; Sequence 153, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; PRIOR FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 153
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-153

Query Match          0.7%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1224 CATCCTTGGCAGCC 1239
Db 18 CATCCTTGGCAGCC 3

RESULT 413
US-10-266-090-40186
; Sequence 40186, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
; FILE REFERENCE: NAD1.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 40186
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-40186

Query Match          0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1122 CAGTTCACACCTTCACCTCC 1140
Db 1 CAGATCCACCTTCACCTCC 19

RESULT 414
US-09-695-451-199/c
; Sequence 199, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 199
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-199

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 827 GCACGAGTTGTGCTTACC 845
Db 20 GTATGAGTTGTGCTTACC 2

RESULT 415
US-09-695-451-201/c
; Sequence 201, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 201
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-201

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 914 TTGCTCTTGGCTTTATC 932  
DB 19 TAGGCTTTGGCTTCTATC 1

## RESULT 416

US-10-266-090-49719

; Sequence 49719, Application US/10266090

; GENERAL INFORMATION:

; APPLICANT: GOFF, STEPHEN

; APPLICANT: BONAN, CAROLINE

; APPLICANT: COLBERT, MICHELLE

; APPLICANT: WANG, RONG-LIN

; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE

; FILE REFERENCE: NAD11.058C1

; CURRENT APPLICATION NUMBER: US/10/266,090

; PRIOR FILING DATE: 2002-10-03

; PRIOR APPLICATION NUMBER: US 10/260,703

; PRIOR FILING DATE: 2002-09-26

; PRIOR APPLICATION NUMBER: US 60/326,117

; NUMBER OF SEQ ID NOS: 51812

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 49719

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA

US-10-266-090-49719

## Query Match

Best Local Similarity 0.7%; Score 15.8; DB 1; Length 20;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1057 GCCCAACCCAGCTTCA 1075

DB 1 GCACCAACCTAGCTTCA 19

## RESULT 417

US-10-310-188-44817/c

; Sequence 44817, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 44817

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-44817

## Query Match

Best Local Similarity 0.7%; Score 15.8; DB 1; Length 20;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1256 TCCCAACCCCTTCAGAA 1274

DB 19 TCCCAACCCCTTCAGCA 1

## RESULT 418

US-10-313-211-72

; Sequence 72, Application US/10313211

; GENERAL INFORMATION:

; APPLICANT: Pihai, German

; TITLE OF INVENTION: TARGETED GENETIC RISK-STRATIFICATION

; FILE REFERENCE: 07917-158001

; CURRENT APPLICATION NUMBER: US/10/313,211

; CURRENT FILING DATE: 2002-12-06

; PRIOR APPLICATION NUMBER: US 60/338,442

; PRIOR FILING DATE: 2001-12-07

; PRIOR APPLICATION NUMBER: US 60/423,793

; PRIOR FILING DATE: 2002-11-05

; NUMBER OF SEQ ID NOS: 159

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 72

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Human papillomavirus

US-10-313-211-72

## Query Match

Best Local Similarity 0.7%; Score 15.8; DB 1; Length 20;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1002 GAAATCGACACCTGAAAA 1020

DB 2 GAAACCCACACCTGAAAA 20

## RESULT 419

US-10-702-817-199/c

; Sequence 199, Application US/10702817

; GENERAL INFORMATION:

; APPLICANT: Hong Zhang

; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFRI EXPRESSION

; FILE REFERENCE: ISPH-0797

; CURRENT APPLICATION NUMBER: US/10/702,817

; CURRENT FILING DATE: 2003-11-06

; PRIOR APPLICATION NUMBER: US 09/106,038

; PRIOR FILING DATE: 1998-06-26

; PRIOR APPLICATION NUMBER: PCT/US99/13763

; PRIOR FILING DATE: 1999-06-17

; PRIOR APPLICATION NUMBER: 09/695,451

; PRIOR FILING DATE: 2000-10-24

; NUMBER OF SEQ ID NOS: 247

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 199

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-702-817-199

## Query Match

Best Local Similarity 0.7%; Score 15.8; DB 1; Length 20;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 827 GCACGAGTTGTGCCTACC 845

DB 20 GTATGAAGTTGTGCCTACC 2

## RESULT 420

US-10-702-817-201/c

; Sequence 201, Application US/10702817

; GENERAL INFORMATION:

; APPLICANT: Hong Zhang

; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFRI EXPRESSION

; FILE REFERENCE: ISPH-0797

; CURRENT APPLICATION NUMBER: US/10/702,817

; CURRENT FILING DATE: 2003-11-06

; PRIOR APPLICATION NUMBER: US 09/106,038

; PRIOR FILING DATE: 1998-06-26

; PRIOR APPLICATION NUMBER: PCT/US99/13763  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 09/695,451  
; PRIOR FILING DATE: 2000-10-24  
; NUMBER OF SEQ ID NOS: 247  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 201  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-702-817-201

Query Match 0.7%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 2.9e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 914 TTGGTCTTTGCTTTTATC 932  
Db 19 TAGGTCTTGGCTTCTATC 1

RESULT 421  
US-09-715-849-573  
; Sequence 573, Application US/09715849  
; GENERAL INFORMATION:  
; APPLICANT: Gargill, Michele  
; APPLICANT: Ireland, James S.  
; APPLICANT: Lander, Eric S.  
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS  
; FILE REFERENCE: 2825.2002-001  
; CURRENT APPLICATION NUMBER: US/09/715,849  
; CURRENT FILING DATE: 2000-11-17  
; PRIOR APPLICATION NUMBER: US 60/167,334  
; PRIOR FILING DATE: 1999-11-24  
; NUMBER OF SEQ ID NOS: 589  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 573  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-715-849-573

Query Match 0.7%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACTCCAGCTCC 1146  
Db 1 TCCAACTTCAYCTACAGCCCC 21

RESULT 422  
US-10-736-227-8/c  
; Sequence 8, Application US/10736227  
; GENERAL INFORMATION:  
; APPLICANT: Terrett, Jonathan A  
; TITLE OF INVENTION: NOVEL CANCER ASSOCIATED PROTEIN  
; FILE REFERENCE: 2543-1-033  
; CURRENT APPLICATION NUMBER: US/10/736,227  
; CURRENT FILING DATE: 2003-12-15  
; PRIOR APPLICATION NUMBER: PCT/GB02/02782  
; PRIOR FILING DATE: 2002-06-14  
; PRIOR APPLICATION NUMBER: GB 0114643.0  
; PRIOR FILING DATE: 2001-06-15  
; PRIOR APPLICATION NUMBER: GB 0205264.5  
; PRIOR FILING DATE: 2002-03-06  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 8  
; LENGTH: 22  
; TYPE: DNA

; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-10-736-227-8

Query Match 0.7%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 3.2e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1179 GGCTCCCGCAGAGAGGTG 1197  
Db 21 GGCTACCGCGAGAGGTG 3

RESULT 423  
US-08-472-801-1491/c  
; Sequence 1491, Application US/08472801  
; GENERAL INFORMATION:  
; APPLICANT: Hesse 2  
; APPLICANT: Smith, Larry J.  
; TITLE OF INVENTION: Method and Compositions for Cellular  
; FILE REFERENCE: Hesse 2  
; CURRENT APPLICATION NUMBER: US/08/472,801  
; CURRENT FILING DATE: 1995-06-07  
; NUMBER OF SEQ ID NOS: 3601  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 1491  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-08-472-801-1491

Query Match 0.7%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 3.4e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1231 GCGACAGCCCTCGCTCGACC 1252  
Db 22 GCACAGCCTCGCTCGCCCC 1

RESULT 424  
US-08-472-801-1736/c  
; Sequence 1736, Application US/08472801  
; GENERAL INFORMATION:  
; APPLICANT: Hesse 2  
; APPLICANT: Smith, Larry J.  
; TITLE OF INVENTION: Method and Compositions for Cellular  
; FILE REFERENCE: Hesse 2  
; CURRENT APPLICATION NUMBER: US/08/472,801  
; CURRENT FILING DATE: 1995-06-07  
; NUMBER OF SEQ ID NOS: 3601  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 1736  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-08-472-801-1736

Query Match 0.7%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 3.4e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1120 CCCAGTTCACCTTCACCTCCA 1141  
Db 22 CCCACTTCTCTTCACCA 1

RESULT 425  
US-08-668-235-1491/c  
; Sequence 1491, Application US/08668235



```
; GENERAL INFORMATION:
; APPLICANT: Larry J. Smith
; TITLE OF INVENTION: Methods and Compositions for Cellular
; FILE REFERENCE: HESD-1
; CURRENT APPLICATION NUMBER: US/08/668,235
; EARLIER FILING DATE: 1996-06-17
; EARLIER FILING DATE: 08/23/91
; EARLIER FILING DATE: 04/22/95
; EARLIER FILING DATE: 08/472,801
; NUMBER OF SEQ ID NOS: 3629
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1491
; TYPE: DNA
; ORGANISM: Homo sapiens
US-08-668-235-1491

Query Match      0.7%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1231 GCGACAGCCCTCGCCTCCGACC 1252
Db 22 GCAACAGCCTCCGCTCCGCC 1

RESULT 426
US-08-668-235-1736/c
; Sequence 1736, Application US/08668235
; GENERAL INFORMATION:
; APPLICANT: Larry J. Smith
; TITLE OF INVENTION: Methods and Compositions for Cellular
; FILE REFERENCE: HESD-1
; CURRENT APPLICATION NUMBER: US/08/668,235
; EARLIER FILING DATE: 1996-06-17
; EARLIER FILING DATE: 08/23/91
; EARLIER FILING DATE: 08/426,781
; EARLIER FILING DATE: 04/22/95
; NUMBER OF SEQ ID NOS: 3629
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1736
; TYPE: DNA
; ORGANISM: Homo sapiens
US-08-668-235-1736

Query Match      0.7%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1120 CCGAGTTCACCTTCACCTCCA 1141
Db 22 CCGACTTGCTCTCCACCA 1

RESULT 427
US-09-922-449B-6
; Sequence 6, Application US/09922449B
; GENERAL INFORMATION:
; APPLICANT: Bioinside Gesellschaft fur Biodiagnostik, Auftragsforschung und Consulting
; APPLICANT: msh
; TITLE OF INVENTION: Test kit and method for quantitatively detecting genetically modified
; FILE REFERENCE: 101215-68
; CURRENT APPLICATION NUMBER: US/09/922,449B
```

```
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: PCT/EP00/009835
; PRIOR FILING DATE: 2000-02-07
; PRIOR APPLICATION NUMBER: DE 199 06 169.6
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-922-449B-6

Query Match      0.7%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1237 GCGCTCGCCTCGACCCCATCC 1258
Db 1 GCGCTCTACTCCACCCCATCC 22

RESULT 428
US-10-160-499-1491/c
; Sequence 1491, Application US/10160499
; GENERAL INFORMATION:
; APPLICANT: Larry J. Smith
; TITLE OF INVENTION: Methods and Compositions for Cellular
; FILE REFERENCE: HESD-1
; CURRENT APPLICATION NUMBER: US/10/160,499
; CURRENT FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: US/08/668,235
; PRIOR FILING DATE: 1996-06-17
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 08/23/91
; PRIOR FILING DATE: EARLIER FILING DATE: 08/426,781
; PRIOR FILING DATE: EARLIER FILING DATE: 04/22/95
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 08/472,801
; NUMBER OF SEQ ID NOS: 3629
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1491
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-160-499-1491

Query Match      0.7%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1231 GCGACAGCCCTCGCCTCCGACC 1252
Db 22 GCAACAGCCTCCGCTCCGCC 1

RESULT 429
US-10-160-499-1736/c
; Sequence 1736, Application US/10160499
; GENERAL INFORMATION:
; APPLICANT: Larry J. Smith
; TITLE OF INVENTION: Methods and Compositions for Cellular
; FILE REFERENCE: HESD-1
; CURRENT APPLICATION NUMBER: US/10/160,499
; CURRENT FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: US/08/668,235
; PRIOR FILING DATE: 1996-06-17
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 08/23/91
; PRIOR FILING DATE: EARLIER FILING DATE: 08/472,801
```

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 08/426,781  
; PRIOR FILING DATE: EARLIER FILING DATE: 04/22/95  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 08/472,801  
; PRIOR FILING DATE: EARLIER FILING DATE: 06/07/95  
; NUMBER OF SEQ ID NOS: 3629  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 1736  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-160-499-1736

Query Match 0.7%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 3.4e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1120 CCCAGTCCACCTTCACCTCCA 1141  
Db 22 CCCACTGCTCTTCACCACCA 1

RESULT 430  
US-10-310-188-78629/c  
; Sequence 78629, Application US/10310188  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES  
; TITLE OF INVENTION: USES THEREOF  
; FILE REFERENCE: 47487  
; CURRENT APPLICATION NUMBER: US/10/310,188  
; CURRENT FILING DATE: 2002-12-19  
; NUMBER OF SEQ ID NOS: 86841  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 78629  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-310-188-78629

Query Match 0.7%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 3.4e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1247 CGACCCCATCCCAACCCCT 1268  
Db 22 CCACCCCAACCCCAACCCCT 1

RESULT 431  
US-09-531-025A-213  
; Sequence 213, Application US/09531025A  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Draper, Ken  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Morrissey, Dave  
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
; FILE REFERENCE: MBHB00-845-E (247/277)  
; CURRENT APPLICATION NUMBER: US/09/531,025A  
; CURRENT FILING DATE: 2000-03-20  
; PRIOR APPLICATION NUMBER: US 07/882,712  
; PRIOR FILING DATE: 1992-05-14  
; PRIOR APPLICATION NUMBER: US 08/193,627  
; PRIOR FILING DATE: 1994-02-07  
; PRIOR APPLICATION NUMBER: US 08/433,993  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 08/434,504  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 09/436,430  
; PRIOR FILING DATE: 1999-11-08  
; NUMBER OF SEQ ID NOS: 6341  
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 213  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Hepatitis B virus  
US-09-531-025A-213

Query Match 0.7%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 29.4%; Pred. No. 2.8e+02;  
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTCCTTGCTCTTG 923  
Db 1 AUUUUUUUUUUUUG 17

RESULT 432  
US-09-636-385-213  
; Sequence 213, Application US/09636385  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Morrissey, Dave  
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
; FILE REFERENCE: MBHB00-845-F (250/125)  
; CURRENT APPLICATION NUMBER: US/09/636,385  
; CURRENT FILING DATE: 2000-08-09  
; PRIOR APPLICATION NUMBER: US 07/882,712  
; PRIOR FILING DATE: 1992-05-14  
; PRIOR APPLICATION NUMBER: US 09/531,025  
; PRIOR FILING DATE: 2000-03-20  
; PRIOR APPLICATION NUMBER: US 08/193,627  
; PRIOR FILING DATE: 1994-02-07  
; PRIOR APPLICATION NUMBER: US 09/436,430  
; PRIOR FILING DATE: 1999-11-08  
; NUMBER OF SEQ ID NOS: 6341  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 213  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Hepatitis B Virus  
US-09-636-385-213

Query Match 0.7%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 29.4%; Pred. No. 2.8e+02;  
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTCCTTGCTCTTG 923  
Db 1 AUUUUUUUUUUUUG 17

RESULT 433  
US-09-685-664B-3066/c  
; Sequence 3066, Application US/09685664B  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Relate  
; FILE REFERENCE: MBHB00-876-K (400/021)  
; CURRENT APPLICATION NUMBER: US/09/685,664B  
; CURRENT FILING DATE: 2000-10-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; PRIOR APPLICATION NUMBER: US 09/371,772  
; PRIOR FILING DATE: 1999-08-10

; NUMBER OF SEQ ID NOS: 8231  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 3066  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus musculus  
US-09-685-664B-3066

Query Match 0.7%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 2.8e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 921 TTGCTTTTATCCCTCC 937  
Db 17 TTGCTGTTATCCCTCC 1

## RESULT 434

US-09-696-347-213  
; Sequence 213, Application US/09696347  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Draper, Ken  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Morrissey, Dave  
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
; FILE REFERENCE: 400/001  
; CURRENT APPLICATION NUMBER: US/09/696,347  
; CURRENT FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 09/636,385  
; PRIOR FILING DATE: 2000-08-09  
; PRIOR APPLICATION NUMBER: US 09/531,025  
; PRIOR FILING DATE: 2000-03-20  
; PRIOR APPLICATION NUMBER: US 07/882,712  
; PRIOR FILING DATE: 1992-05-14  
; PRIOR APPLICATION NUMBER: US 08/193,627  
; PRIOR FILING DATE: 1994-02-07  
; PRIOR APPLICATION NUMBER: US 08/433,993  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 08/434,504  
; PRIOR FILING DATE: 1995-05-04  
; PRIOR APPLICATION NUMBER: US 09/436,430  
; PRIOR FILING DATE: 1999-11-08  
; NUMBER OF SEQ ID NOS: 6389  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 213  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Hepatitis B Virus  
US-09-696-347-213

Query Match 0.7%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 29.4%; Pred. No. 2.8e+02;  
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTGTCTTGTG 923  
Db 1 AOUUUCUUUGUUUUUG 17

## RESULT 435

US-09-708-690-3066/c  
; Sequence 3066, Application US/09708690  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Hepatitis B Virus Replication  
; FILE REFERENCE: MBH00, 876-L (400/002)

; CURRENT APPLICATION NUMBER: US/09/708,690  
; CURRENT FILING DATE: 2001-08-31  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; PRIOR APPLICATION NUMBER: US 09/371,772  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 09/685,664  
; PRIOR FILING DATE: 2000-10-10  
; NUMBER OF SEQ ID NOS: 20828  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 3066  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus musculus  
US-09-708-690-3066

Query Match 0.7%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 2.8e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 921 TTGCTTTTATCCCTCC 937  
Db 17 TTGCTGTTATCCCTCC 1

## RESULT 436

US-09-870-161-3066/c  
; Sequence 3066, Application US/09870161  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Hepatitis B Virus Replication  
; FILE REFERENCE: MBH00-876-M (400/026)  
; CURRENT APPLICATION NUMBER: US/09/870,161  
; CURRENT FILING DATE: 2001-08-27  
; NUMBER OF SEQ ID NOS: 20821  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 3066  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus musculus  
US-09-870-161-3066

Query Match 0.7%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 2.8e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 921 TTGCTTTTATCCCTCC 937  
Db 17 TTGCTGTTATCCCTCC 1

## RESULT 437

US-09-877-478-213  
; Sequence 213, Application US/09877478  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Morrissey, Dave  
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
; FILE REFERENCE: MBH00-845-H (400/029)  
; CURRENT APPLICATION NUMBER: US/09/877,478  
; CURRENT FILING DATE: 2001-12-31  
; PRIOR APPLICATION NUMBER: US 07/882,712  
; PRIOR FILING DATE: 1992-05-14

```
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20826
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3066
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674A-3066
```

```
Query Match          0.7%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 921 TTGCCTTTTATCCCTCC 937
      ||||| ||||| |||||
DB 17 TTGCCTGTTATCCCTCC 1
```

## RESULT 440

```
US-10-287-949A-3066/c
; Sequence 3066, Application US/10287949A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3066
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-287-949A-3066
```

```
Query Match          0.7%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 921 TTGCCTTTTATCCCTCC 937
      ||||| ||||| |||||
DB 17 TTGCCTGTTATCCCTCC 1
```

## RESULT 441

```
US-10-342-902-213
; Sequence 213, Application US/10342902
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replicator
; FILE REFERENCE: 400/075 (MBHB00-845-1)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
```

```
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1998-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 213
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-213
```

```
Query Match          0.7%; Score 15.4; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 2.8e+02;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 907 ATTCTCTTGTCCTTG 923
      |:::|::: |:::|
DB 1 AUUUCUUUGUCUUG 17
```

## RESULT 438

```
US-10-138-674-3066/c
; Sequence 3066, Application US/10138674
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3066
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674-3066
```

```
Query Match          0.7%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 921 TTGCCTTTTATCCCTCC 937
      ||||| ||||| |||||
DB 17 TTGCCTGTTATCCCTCC 1
```

## RESULT 439

```
US-10-138-674A-3066/c
; Sequence 3066, Application US/10138674A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: 400/075 (MBHB00-845-1)
; CURRENT APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
```

;; PRIOR FILING DATE: 1994-02-07  
;; PRIOR APPLICATION NUMBER: US 07/882,712  
;; PRIOR FILING DATE: 1992-05-14  
;; PRIOR APPLICATION NUMBER: US 09/436,430  
;; PRIOR FILING DATE: 1999-11-08  
;; NUMBER OF SEQ ID NOS: 6592  
;; SOFTWARE: Patent in version 3.2  
;; SEQ ID NO 213  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: Hepatitis B virus  
US-10-342-902-213

Query Match 0.7%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 29.4%; Pred. No. 2.8e+02;  
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTGGTCTTTG 923  
|:::|:::|:::|:::|  
Db 1 AUUUUUUUUUUUUUUUUG 17

RESULT 442  
US-10-669-841-213  
;; GENERAL INFORMATION:  
;; APPLICANT: Sirna Therapeutics, Inc.  
;; APPLICANT: Lawrence, Blatt  
;; APPLICANT: Dennis, Macejak  
;; APPLICANT: James, McSwiggen  
;; APPLICANT: David, Morrissey  
;; APPLICANT: Pamela, Pavco  
;; APPLICANT: Patricia, Lee  
;; APPLICANT: Kenneth, Draper  
;; APPLICANT: Elisabeth, Roberts  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP  
;; FILE REFERENCE: 400/042US (WEH02-249-E)  
;; CURRENT APPLICATION NUMBER: US/10/669,841  
;; CURRENT FILING DATE: 2003-09-23  
;; PRIOR APPLICATION NUMBER: PCT/US02/09187  
;; PRIOR FILING DATE: 2002-03-26  
;; PRIOR APPLICATION NUMBER: US 60/296,876  
;; PRIOR FILING DATE: 2001-06-08  
;; PRIOR APPLICATION NUMBER: US 60/335,059  
;; PRIOR FILING DATE: 2001-10-24  
;; PRIOR APPLICATION NUMBER: US 60/337,055  
;; PRIOR FILING DATE: 2001-12-05  
;; PRIOR APPLICATION NUMBER: US 60/358,580  
;; PRIOR FILING DATE: 2002-02-20  
;; PRIOR APPLICATION NUMBER: US 60/363,124  
;; PRIOR FILING DATE: 2002-03-11  
;; PRIOR APPLICATION NUMBER: US 09/817,879  
;; PRIOR FILING DATE: 2001-03-26  
;; PRIOR APPLICATION NUMBER: US 09/740,332  
;; PRIOR FILING DATE: 2000-12-18  
;; PRIOR APPLICATION NUMBER: US 09/611,931  
;; PRIOR FILING DATE: 2000-07-07  
;; PRIOR APPLICATION NUMBER: US 09/504,321  
;; PRIOR FILING DATE: 2000-02-15  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 16207  
;; SOFTWARE: Patent in version 3.0  
;; SEQ ID NO 213  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: Hepatitis B Virus  
US-10-669-841-213

Query Match 0.7%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 29.4%; Pred. No. 2.8e+02;  
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTGGTCTTTG 923  
|:::|:::|:::|:::|  
Db 1 AUUUUUUUUUUUUUUUUG 17

RESULT 443  
US-08-485-943A-45/c  
;; Sequence 45, Application US/08485943A  
;; GENERAL INFORMATION:  
;; APPLICANT: THE ROCKEFELLER UNIVERSITY  
;; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND E  
;; NUMBER OF SEQUENCES: 98  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Klauber & Jackson  
;; STREET: 411 Hackensack Avenue  
;; CITY: Hackensack  
;; STATE: New Jersey  
;; COUNTRY: USA  
;; ZIP: 07601  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent In Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/485,943A  
;; FILING DATE: June 7, 1995  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/438,431  
;; FILING DATE: May 10, 1995  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/347,563  
;; FILING DATE: November 30, 1994  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/292,345  
;; FILING DATE: August 17, 1994  
;; CLASSIFICATION: 514  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Jackson Esq., David A.  
;; REGISTRATION NUMBER: 26,742  
;; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 201 487-5800  
;; TELEFAX: 201 343-1684  
;; TELEX: 133521  
;; INFORMATION FOR SEQ ID NO: 45:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (primer)  
;; DESCRIPTION: sequence tagged-site specific PCR primer SMS2359  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; ORIGINAL SOURCE:  
;; ORGANISM: Human  
US-08-485-943A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 3e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746  
|:::|:::|:::|:::|  
Db 18 CAGGAGAAACAGAACAC 2

RESULT 444  
US-08-488-215A-45/c

```
; Sequence 45, Application US/08488215A
; GENERAL INFORMATION:
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAFFEI,
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PR
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,215A
; FILING DATE: JUNE 7, 1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer sWS2359
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
; US-08-488-215A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746
Db 18 CAGGAGAAACAGAACAC 2

RESULT 445
US-08-488-224A-45/c
; Sequence 45, Application US/08488224A
; GENERAL INFORMATION:
; APPLICANT: THE ROCKFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
; TITLE OF INVENTION: USES THEREOF
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
```

```
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,224A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: June 7, 1995
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: November 30, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer sWS2359
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
; US-08-488-224A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746
Db 18 CAGGAGAAACAGAACAC 2

RESULT 446
US-09-347-068-45/c
; Sequence 45, Application US/09347068
; GENERAL INFORMATION:
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,
; APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BUE
; TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING
; TITLE OF INVENTION: (AS AMENDED)
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
```

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/347,068  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/488,214  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/347,563  
FILING DATE: November 30, 1994  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: sequence tagged-site specific PCR primer sWSS2359  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Human  
US-09-347-068-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 3e+02; 1; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746  
Db 18 CAGGAGAAACAGAACAC 2

RESULT 447  
US-09-635-864-45/c  
Sequence 45, Application US/09635864  
GENERAL INFORMATION:  
APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAFFEI,  
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PR  
NUMBER OF SEQUENCES: 99  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/635,864

FILING DATE: August 10, 2000  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/438,431  
FILING DATE: May 10, 1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/347,563  
FILING DATE: November 30, 1994  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: sequence tagged-site specific PCR primer sWSS2359  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Human  
US-09-635-864-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 3e+02; 1; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746  
Db 18 CAGGAGAAACAGAACAC 2

RESULT 448  
US-09-736-084-45/c  
Sequence 45, Application US/09736084  
GENERAL INFORMATION:  
APPLICANT: THE ROCKEFELLER UNIVERSITY  
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING  
NUMBER OF SEQUENCES: 98  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/736,084  
FILING DATE: 13-Dec-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/438,431  
FILING DATE: May 10, 1995  
APPLICATION NUMBER: 08/347,563

FILING DATE: November 30, 1994  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP2I  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: sequence tagged-site specific PCR primer  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Human  
SEQUENCE DESCRIPTION: SEQ ID NO: 45:  
US-09-736-084A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 3e+02; 1; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGACAC 746  
DB 18 CAGGAGAAACAGACAC 2

## RESULT 449

US-09-736-084A-45/c  
Sequence 45, Application US/09736084A  
GENERAL INFORMATION:  
APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,  
MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURLEY  
TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING  
(AS AMENDED)  
NUMBER OF SEQUENCES: 102  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/736,084A  
FILING DATE: 13-Dec-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/438,431  
FILING DATE: May 10, 1995  
APPLICATION NUMBER: 08/347,563  
FILING DATE: November 30, 1994  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800

TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: sequence tagged-site specific PCR primer SWS2359  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Human  
SEQUENCE DESCRIPTION: SEQ ID NO: 45:  
US-09-736-084A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 3e+02; 1; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGACAC 746  
DB 18 CAGGAGAAACAGACAC 2

## RESULT 450

US-10-303-778-7620  
Sequence 7620, Application US/10303778  
GENERAL INFORMATION:  
APPLICANT: RosettaGenomics  
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL  
FILE REFERENCE: 47416  
CURRENT APPLICATION NUMBER: US/10/303,778  
CURRENT FILING DATE: 2002-11-26  
NUMBER OF SEQ ID NOS: 17608  
SOFTWARE: Patent In version 3.1  
SEQ ID NO: 7620  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-303-778-7620

Query Match 0.7%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 3e+02; 1; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 898 CCCCTGGTCATTTCCT 914  
DB 1 CTCCTGGTCATTTCCT 17

## RESULT 451

US-10-730-488-45/c  
Sequence 45, Application US/10730488  
GENERAL INFORMATION:  
APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,  
MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND  
STEPHEN K. BURLEY  
TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING  
(AS AMENDED)  
NUMBER OF SEQUENCES: 102  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible



```
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/10/730,488
FILING DATE: 08-Dec-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/736,084
FILING DATE: 13-Dec-2000
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
APPLICATION NUMBER: 08/347,563
FILING DATE: November 30, 1994
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer SWSS2359
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-10-730-488-45
Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 730 CAGGAGAAACAGACAC 746
Db 18 CAGGAGAAACACAC 2
RESULT 452
US-09-453-607A-3264/c
; Sequence 3264, Application US/09453607A
; GENERAL INFORMATION:
; APPLICANT: Immusol, Inc. et al.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF RESTENOSIS
; FILE REFERENCE: 480124.406
; CURRENT APPLICATION NUMBER: US/09/453,607A
; CURRENT FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 4388
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3264
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-453-607A-3264
Query Match 0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 732 GGAGAAACAGACACCG 748
Db 19 GGAGAAACAGACACCG 3
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/10/730,488
FILING DATE: 08-Dec-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/736,084
FILING DATE: 13-Dec-2000
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
APPLICATION NUMBER: 08/347,563
FILING DATE: November 30, 1994
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer SWSS2359
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-10-730-488-45
Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 730 CAGGAGAAACAGACAC 746
Db 18 CAGGAGAAACACAC 2
RESULT 452
US-09-453-607A-3264/c
; Sequence 3264, Application US/09453607A
; GENERAL INFORMATION:
; APPLICANT: Immusol, Inc. et al.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF RESTENOSIS
; FILE REFERENCE: 480124.406
; CURRENT APPLICATION NUMBER: US/09/453,607A
; CURRENT FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 4388
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3264
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-453-607A-3264
Query Match 0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 732 GGAGAAACAGACACCG 748
Db 19 GGAGAAACAGACACCG 3
```

```
RESULT 453
US-09-453-607C-3264/c
; Sequence 3264, Application US/09453607C
; GENERAL INFORMATION:
; APPLICANT: Immusol, Inc. et al.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF RESTENOSIS
; FILE REFERENCE: 480124.406
; CURRENT APPLICATION NUMBER: US/09/453,607C
; CURRENT FILING DATE: 1999-12-07
; NUMBER OF SEQ ID NOS: 4389
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3264
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-453-607C-3264
Query Match 0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 732 GGAGAAACAGACACCG 748
Db 19 GGAGAAACAGACACCG 3
RESULT 454
US-09-696-791-3264/c
; Sequence 3264, Application US/09696791
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3264
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-696-791-3264
Query Match 0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 732 GGAGAAACAGACACCG 748
Db 19 GGAGAAACAGACACCG 3
RESULT 455
US-10-244-647-572
; Sequence 572, Application US/10244647
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBH02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
```

; CURRENT FILING DATE: 2003-04-14  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: PCT US02/09187  
; PRIOR FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: US 60/296,876  
; PRIOR FILING DATE: 2001-06-08  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 572  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense 1  
US-10-244-647-572

Query Match 0.7%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 29.4%; Pred. No. 3.1e+02;  
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGCTTTG 923  
|:::|::: |:::|  
Db 1 AUUUUUUUUGUUUG 17

RESULT 456  
US-10-244-647-642  
; Sequence 642, Application US/10244647  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceutical, Inc.  
; APPLICANT: Morrissey, David  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)  
; FILE REFERENCE: 400/060 (WBHB02-1000)  
; CURRENT APPLICATION NUMBER: US/10/244,647  
; CURRENT FILING DATE: 2003-04-14  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: PCT US02/09187  
; PRIOR FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: US 60/296,876  
; PRIOR FILING DATE: 2001-06-08  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 642  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense 2  
US-10-244-647-642

Query Match 0.7%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 29.4%; Pred. No. 3.1e+02;  
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGCTTTG 923  
|:::|::: |:::|  
Db 2 AUUUUUUUUGUUUG 18

RESULT 457  
US-10-244-647-645  
; Sequence 645, Application US/10244647  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceutical, Inc.

; APPLICANT: Morrissey, David  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)  
; FILE REFERENCE: 400/060 (WBHB02-1000)  
; CURRENT APPLICATION NUMBER: US/10/244,647  
; CURRENT FILING DATE: 2003-04-14  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: PCT US02/09187  
; PRIOR FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: US 60/296,876  
; PRIOR FILING DATE: 2001-06-08  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 645  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense  
US-10-244-647-645

Query Match 0.7%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 29.4%; Pred. No. 3.1e+02;  
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGCTTTG 923  
|:::|::: |:::|  
Db 3 AUUUUUUUUGUUUG 19

RESULT 458  
US-10-244-647-1218/c  
; Sequence 1218, Application US/10244647  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceutical, Inc.  
; APPLICANT: Morrissey, David  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)  
; FILE REFERENCE: 400/060 (WBHB02-1000)  
; CURRENT APPLICATION NUMBER: US/10/244,647  
; CURRENT FILING DATE: 2003-04-14  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: PCT US02/09187  
; PRIOR FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: US 60/296,876  
; PRIOR FILING DATE: 2001-06-08  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1218  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-244-647-1218

Query Match 0.7%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 3.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGCTTTG 923  
|:::|::: |:::|  
Db 19 ATTTCTTTGGCTTTG 3

RESULT 459  
US-10-244-647-1288/c  
; Sequence 1288, Application US/10244647  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceutical, Inc.  
; APPLICANT: Morrissey, David  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)  
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)  
; FILE REFERENCE: 400/060 (MHB02-1000)  
; CURRENT APPLICATION NUMBER: US/10/244,647  
; CURRENT FILING DATE: 2003-04-14  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: PCT US02/09187  
; PRIOR FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: US 60/296,876  
; PRIOR FILING DATE: 2001-06-08  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1288  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-244-647-1288

Query Match 0.7%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 3.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTTGGTCTTTG 923  
Db 18 ATTTCCTTTGGTCTTTG 2

RESULT 460  
US-10-244-647-1291/c  
; Sequence 1291, Application US/10244647  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceutical, Inc.  
; APPLICANT: Morrissey, David  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)  
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)  
; FILE REFERENCE: 400/060 (MHB02-1000)  
; CURRENT APPLICATION NUMBER: US/10/244,647  
; CURRENT FILING DATE: 2003-04-14  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: PCT US02/09187  
; PRIOR FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: US 60/296,876  
; PRIOR FILING DATE: 2001-06-08  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1291  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-244-647-1291

Query, Match 0.7%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 3.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTTGGTCTTTG 923  
Db 17 ATTTCCTTTGGTCTTTG 1

RESULT 461  
US-10-310-188-26651  
; Sequence 26651, Application US/10310188  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GI  
; FILE REFERENCE: 47487  
; CURRENT APPLICATION NUMBER: US/10/310,188  
; CURRENT FILING DATE: 2002-12-19  
; NUMBER OF SEQ ID NOS: 86841  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 26651  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-310-188-26651

Query Match 0.7%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 3.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAG 1142  
Db 3 TCCACCTTCACCTCCAG 19

RESULT 462  
US-07-954-185A-37/c  
; Sequence 37, Application US/07954185A  
; GENERAL INFORMATION:  
; APPLICANT: Ronnie C. Hanecak et al.  
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
; TITLE OF INVENTION: Sequence  
; NUMBER OF SEQUENCES: 122  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn  
; ADDRESSEE: Kurtz Mackiewicz & Norris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/954,185A  
; FILING DATE: 19920929  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISIS-0704  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 37:  
; SEQUENCE CHARACTERISTICS:



```
;
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 118:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-954-185A-118

Query Match 0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCAACCCC 1266
Db 19 ACCCAACCCCAACCCC 3

RESULT 466
US-09-299-058-37/c
; Sequence 37, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-09-299-058-37

Query Match 0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCAACCCC 1266
```

```
;
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Hanecak et al.
; REGISTRATION NUMBER: 09299058
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 118:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-954-185A-118

Query Match 0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCAACCCC 1266
Db 19 ACCCAACCCCAACCCC 3

RESULT 467
US-09-299-058-45/c
; Sequence 45, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-09-299-058-45

Query Match 0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCAACCCC 1266
Db 19 ACCCAACCCCAACCCC 3

RESULT 468
US-09-299-058-114/c
; Sequence 114, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
```

```
;
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 114:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 114:
US-09-299-058-114

Query Match          0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCCCAACCCC 1266
Db 19 ACCCAACCCCAACCCC 3

RESULT 469
US-09-299-058-118/c
; Sequence 118, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecek et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 118:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 118:
US-09-299-058-118

Query Match          0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCCCAACCCC 1266
Db 19 ACCCAACCCCAACCCC 3

RESULT 470
US-09-612-558A-44/c
; Sequence 44, Application US/09612558A
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: VAN GEYT, CAROLINE
; APPLICANT: MAERTENS, GEERT
; TITLE OF INVENTION: DETECTION OF ANTI-HEPATITIS B DRUG RESISTANCE
; FILE REFERENCE: 2551-45
; CURRENT APPLICATION NUMBER: US/09/612,558A
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/143,546
; PRIOR FILING DATE: 1999-07-13
; PRIOR APPLICATION NUMBER: EP 99870148.6
; PRIOR FILING DATE: 1999-07-08
; NUMBER OF SEQ ID NOS: 109
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Hepatitis B virus
US-09-612-558A-44

Query Match          0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTTGTCCTTTG 923
Db 17 ATTTCTTTTGTCCTTTG 1

RESULT 471
US-09-612-558B-44/c
; Sequence 44, Application US/09612558B
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: VAN GEYT, CAROLINE
; APPLICANT: MAERTENS, GEERT
; TITLE OF INVENTION: DETECTION OF ANTI-HEPATITIS B DRUG RESISTANCE
; FILE REFERENCE: 2551-45
; CURRENT APPLICATION NUMBER: US/09/612,558B
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/143,546
; PRIOR FILING DATE: 1999-07-13
; PRIOR APPLICATION NUMBER: EP 99870148.6
; PRIOR FILING DATE: 1999-07-08
; NUMBER OF SEQ ID NOS: 109
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Hepatitis B virus
US-09-612-558B-44

Query Match          0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 907 ATTTCTTTGGCTTTG 923  
DB 17 ATTTCTTTGGCTTTG 1

## RESULT 472

US-09-612-558C-44/c  
; Sequence 44, Application US/09612558C  
; GENERAL INFORMATION:  
; APPLICANT: STUYVER, LIEVEN  
; APPLICANT: VAN GEYT, CAROLINE  
; APPLICANT: MAERTENS, GERT  
; TITLE OF INVENTION: DETECTION OF ANTI-HEPATITIS B DRUG RESISTANCE  
; FILE REFERENCE: 2551-45  
; CURRENT APPLICATION NUMBER: US/09/612,558C  
; CURRENT FILING DATE: 2000-07-07  
; PRIOR APPLICATION NUMBER: 60/143,546  
; PRIOR FILING DATE: 1999-07-13  
; PRIOR APPLICATION NUMBER: EP 99870148.6  
; PRIOR FILING DATE: 1999-07-08  
; NUMBER OF SEQ ID NOS: 110  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 44  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Hepatitis B virus  
US-09-612-558C-44

Query Match 0.7%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 3.3e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGCTTTG 923  
DB 17 ATTTCTTTGGCTTTG 1

## RESULT 473

US-10-266-090-43965  
; Sequence 43965, Application US/10266090  
; GENERAL INFORMATION:  
; APPLICANT: GOFF, STEPHEN  
; APPLICANT: BONAN, CAROLINE  
; APPLICANT: COLBERT, MICHELLE  
; APPLICANT: WANG, RONG-LIN  
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE  
; FILE REFERENCE: NAD11.058C1  
; CURRENT APPLICATION NUMBER: US/10/266,090  
; CURRENT FILING DATE: 2002-10-03  
; PRIOR APPLICATION NUMBER: US 10/260,703  
; PRIOR FILING DATE: 2002-09-26  
; PRIOR APPLICATION NUMBER: US 60/326,117  
; PRIOR FILING DATE: 2001-09-26  
; NUMBER OF SEQ ID NOS: 51812  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 43965  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA  
US-10-266-090-43965

Query Match 0.7%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 3.3e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1069 AGCTTCAGTCCCACTCC 1085  
DB 4 AGCTTCAGTCCCACTCC 20

## RESULT 474

US-10-640-274-4  
; Sequence 4, Application US/10640274  
; GENERAL INFORMATION:  
; APPLICANT: KLIPPEL-GIESE, Anke  
; APPLICANT: KAUFMANN, Joerg  
; TITLE OF INVENTION: Further Use of Protein Kinase N Beta  
; FILE REFERENCE: 39078-0006  
; CURRENT APPLICATION NUMBER: US/10/640,274  
; CURRENT FILING DATE: 2003-08-14  
; PRIOR APPLICATION NUMBER: US/60,409,570  
; PRIOR FILING DATE: 09-11-2002  
; PRIOR APPLICATION NUMBER: EP 02018572.4  
; PRIOR FILING DATE: 08-14-2002  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 4  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: antisense oligonucleotide  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(6)  
; OTHER INFORMATION: RNA  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (7)..(15)  
; OTHER INFORMATION: DNA linked through phosphorothioate linkages  
; NAME/KEY: misc\_feature  
; LOCATION: (16)..(21)  
; OTHER INFORMATION: RNA  
US-10-640-274-4

Query Match 0.7%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 76.5%; Pred. No. 3.5e+02;  
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1132 TTCACCTCCAGCTCCAC 1148  
DB 4 UUCACCTTCAGCUCCAC 20

## RESULT 475

US-10-751-736-49989/c  
; Sequence 49989, Application US/10751736  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: Martinez, Robert  
; APPLICANT: Brown, Eugene  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON  
; TITLE OF INVENTION: CANCERS  
; FILE REFERENCE: AM100927 (031896-002000)  
; CURRENT APPLICATION NUMBER: US/10/751,736  
; CURRENT FILING DATE: 2003-01-06  
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000  
; PRIOR FILING DATE: 2003-01-06  
; NUMBER OF SEQ ID NOS: 54873  
; SOFTWARE: Patent In version 3.2  
; SEQ ID NO 49989  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: RNAI  
US-10-751-736-49989

Query Match 0.7%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 3.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 982 CTCTACTCCATTGTTTG 998

[illegible]



```

; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 69

```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-263-69

Query Match          0.7%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 761 ATGCAGGTTCTTCTTAAGA 780
| | | | | | | | | | | | | | | | | |
Db 20 AGGCAGGATCTTTCAGA 1

RESULT 486
US-10-300-263-135
; Sequence 135, Application US/10300263
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: MODULATION OF HIP-1 PROTEIN INTERACTOR EXPRESSION
; FILE REFERENCE: RTS-0431
; CURRENT APPLICATION NUMBER: US/10/300,263
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 135
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-300-263-135

Query Match          0.7%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 761 ATGCAGGTTCTTCTTAAGA 780
| | | | | | | | | | | | | | | | | |
Db 1 AGGCAGGATCTTTCAGA 20

RESULT 487
US-10-310-188-64026/c
; Sequence 64026, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: Rosettacemomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 64026
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-64026

Query Match          0.7%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1247 CCGACCCCATCCCAACCCC 1266
| | | | | | | | | | | | | | | | | |
Db 20 CCGAAACCATCCCAACCCC 1

RESULT 488
US-10-467-665-10
; Sequence 10, Application US/10467665
; GENERAL INFORMATION:
; APPLICANT: BARENDSSE, William J.
; TITLE OF INVENTION: DNA MARKERS FOR MEAT TENDERNESS
; FILE REFERENCE: Q76795
; CURRENT APPLICATION NUMBER: US/10/467,665
; CURRENT FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: AUS PR2975
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00122
; PRIOR FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Lox K6 probe
US-10-467-665-10

Query Match          0.7%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 875 ACTCAGGCACCACTGCTG 894
| | | | | | | | | | | | | | | | | |
Db 1 ACTCAGGCACCACTGCTG 20

RESULT 489
US-10-482-949-4
; Sequence 4, Application US/10482949
; GENERAL INFORMATION:
; APPLICANT: TOPIGEN PHARMACEUTIQUE INC.
; TITLE OF INVENTION: METHODS FOR INCREASING IN VIVO EFFICACY OF OLIGONUCLEOTIDES AND
; FILE REFERENCE: 009558-0002
; CURRENT APPLICATION NUMBER: US/10/482,949
; CURRENT FILING DATE: 2001-01-06
; PRIOR APPLICATION NUMBER: U.S. 60/303,071
; PRIOR FILING DATE: 2001-07-06
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Sequence is completely synthesized
US-10-482-949-4

Query Match          0.7%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1287 CGCCCAAGCCACAGAGCC 1306
| | | | | | | | | | | | | | | | | |
Db 1 CGCCCAAGCCCGAGAGCC 20

RESULT 490
PCT-US01-44838-1261/c
; Sequence 1261, Application PC/TUS0144838
; GENERAL INFORMATION:
; APPLICANT: Guida, Marco
; APPLICANT: Hall, Jeff
; TITLE OF INVENTION: Genetic Typing of Human Genes And Related Materials And Methods
; FILE REFERENCE: 4389-23-PCT
; CURRENT APPLICATION NUMBER: PCT/US01/44838
; CURRENT FILING DATE: 2001-11-28
; NUMBER OF SEQ ID NOS: 1449
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1261
; LENGTH: 21
```

; TYPE: DNA  
; ORGANISM: Homo sapiens  
PCT-US01-44838-1261

Query Match 0.7%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 3.7e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1235 CAGCCTCGCTCCGACCC 1254  
|||||  
Db 20 CAGCCCTCTCTCAGACCC 1

## RESULT 491

US-10-310-188-1261/c  
; Sequence 1261, Application US/09724389

; GENERAL INFORMATION:

; APPLICANT: Guida, Marco

; TITLE OF INVENTION: Genetic Typing of Human Genes And Related Materials And Methods

; FILE REFERENCE: 4389-23

; CURRENT APPLICATION NUMBER: US/09/724,389

; CURRENT FILING DATE: 2000-11-28

; NUMBER OF SEQ ID NOS: 1449

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1261

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-724-389-1261

## Query Match

Best Local Similarity 0.7%; Score 15.2; DB 1; Length 21;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1235 CAGCCTCGCTCCGACCC 1254  
|||||  
Db 20 CAGCCCTCTCTCAGACCC 1

## RESULT 492

US-10-310-188-2897/c

; Sequence 2897, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 2897

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-2897

## Query Match

Best Local Similarity 0.7%; Score 15.2; DB 1; Length 21;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1194 GGTGGCCACCCATCAGG 1213  
|||||  
Db 21 GGTGGCCCTCTCTACAGG 2

## RESULT 493

US-10-310-188-47281/c

; Sequence 47281, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE

; TITLE OF INVENTION: USES THEREOF  
; FILE REFERENCE: 47487  
; CURRENT APPLICATION NUMBER: US/10/310,188  
; CURRENT FILING DATE: 2002-12-19  
; NUMBER OF SEQ ID NOS: 86841  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 47281  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-310-188-47281

Query Match 0.7%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 3.7e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCCTTC 1270  
|||||  
Db 20 CCCAGCCCCCAACCCCATC 1

## RESULT 494

US-10-310-188-55026/c

; Sequence 55026, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 55026

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-55026

## Query Match

Best Local Similarity 0.7%; Score 15.2; DB 1; Length 21;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1106 GCCTCAGTCCCGTCCAGT 1125  
|||||  
Db 21 GCCTCAGTCCCGTCCAGT 2

## RESULT 495

US-10-310-188-67517/c

; Sequence 67517, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 67517

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-67517

## Query Match

Best Local Similarity 0.7%; Score 15.2; DB 1; Length 21;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1232 CGACAGCCCTCGCTCCGAC 1251  
|||||  
Db 20 CGGCCCGCTCGCTCCGAC 1

## RESULT 496

US-10-188-78255/c

; Sequence 78255, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE

; TITLE OF INVENTION: USES THEREOF

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 78255

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-78255

Query Match 0.7%; Score 15.2; DB 1; Length 21;

Best Local Similarity 85.0%; Pred. No. 3.7e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1247 CCGACCCCATCCCAACCC 1266

|| ||||| |||||

Db 21 CCTCCCCCATGCCCAACCC 2

## RESULT 497

US-10-349-143-8726/c

; Sequence 8726, Application US/10349143

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density....

; FILE REFERENCE: GENSET.020CPI

; CURRENT APPLICATION NUMBER: US/10/349,143

; CURRENT FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: US/09/422,978

; PRIOR FILING DATE: 1999-10-20

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 8726

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer\_bind

; LOCATION: 1..21

; OTHER INFORMATION: downstream amplification primer 39-17829 for SEQ 861, in compleme

US-10-349-143-8726

Query Match

0.7%; Score 15.2; DB 1; Length 21;

Best Local Similarity 85.0%; Pred. No. 3.7e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 GGTTCTCTTCTAAGAGAAA 785

|| ||||| |||||

Db 21 GGTTCTCTTCTAAGAGAAA 2

## RESULT 498

US-10-671-740-175/c

; Sequence 175, Application US/10671740

; GENERAL INFORMATION:

; APPLICANT: LIU, WEI

; APPLICANT: WHITLEY, MARYANN

; APPLICANT: SLONIM, DONNA

; APPLICANT: HOMES, STEVEN

; TITLE OF INVENTION: CELL SURFACE MOLECULES AS MARKERS AND THERAPEUTIC AGENTS AGAINST

; TITLE OF INVENTION: KIDNEY CANCERS

; FILE REFERENCE: 01997.022600

; CURRENT APPLICATION NUMBER: US/10/671,740

; CURRENT FILING DATE: 2003-09-29

; NUMBER OF SEQ ID NOS: 182

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 175

; LENGTH: 21

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-671-740-175

Query Match

0.7%; Score 15.2; DB 1; Length 21;

Best Local Similarity 85.0%; Pred. No. 3.7e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 955 TATCGCTACCAACGCTGGAA 974

|| ||||| |||||

Db 20 TATGCTACCAACGAGGAA 1

## RESULT 499

US-10-751-736-27499/c

; Sequence 27499, Application US/10751736

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: Martinez, Robert

; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

; TITLE OF INVENTION: CANCERS

; FILE REFERENCE: AM100927 (031896-002000)

; CURRENT APPLICATION NUMBER: US/10/751,736

; CURRENT FILING DATE: 2003-01-06

; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000

; PRIOR FILING DATE: 2003-01-06

; NUMBER OF SEQ ID NOS: 54873

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 27499

; LENGTH: 21

; TYPE: DNA

; ORGANISM: homo sapiens

US-10-751-736-27499

Query Match

0.7%; Score 15.2; DB 1; Length 21;

Best Local Similarity 85.0%; Pred. No. 3.7e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 890 TGCTGTGCCCCCTGTCATT 909

|| ||||| |||||

Db 20 TTCTGTGCCCCCTGTCATT 1

## RESULT 500

US-10-751-736-34923/c

; Sequence 34923, Application US/10751736

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: Martinez, Robert

; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

; TITLE OF INVENTION: CANCERS

; FILE REFERENCE: AM100927 (031896-002000)

; CURRENT APPLICATION NUMBER: US/10/751,736

; CURRENT FILING DATE: 2003-01-06

; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000

; PRIOR FILING DATE: 2003-01-06

; NUMBER OF SEQ ID NOS: 54873

```
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 34923
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-34923

Query Match          0.7%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1266 CCTTCAGAGTGGGAGGACA 1285
    |||||
Db 21 CCTTCAGAGTGAACGACA 2

RESULT 501
US-60-350-061-389/c
; Sequence 389, Application US/60350061
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS THAT
; FILE REFERENCE: D0185
; CURRENT APPLICATION NUMBER: US/60/350,061
; CURRENT FILING DATE: 2002-01-18
; NUMBER OF SEQ ID NOS: 981
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 389
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-350-061-389

Query Match          0.7%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 848 AGATTGAGATGTTAAGGC 867
    |||||
Db 21 AGAATGAGGATGTGAAGGC 2

RESULT 502
US-09-155-885A-274/c
; Sequence 274, Application US/09155885A
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; MAERTENS, GEERT
; ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996

; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 274:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 274:
US-09-155-885A-274

Query Match          0.7%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 728 GCCAGGAGAAACAGA 742
    |||||
Db 18 GCCAGGAGAAACAGA 4

RESULT 503
US-09-695-451-150/c
; Sequence 150, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 150
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-150

Query Match          0.7%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1130 CCTTCACCTCCAGCT 1144
    |||||
Db 15 CCTTCACCTCCAGCT 1

RESULT 504
US-10-453-792-274/c
; Sequence 274, Application US/10453792
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
```

ADDRESSEE: NIXON & VANDERHYE P.C.  
STREET: 1100 NORTH GLEBE ROAD  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: U.S.A.  
ZIP: 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/453,792  
FILING DATE: 04-Jun-2003  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/155,885A  
FILING DATE: 08-Oct-1998  
APPLICATION NUMBER: PCT/EP97/02002  
FILING DATE: 21-APR-1997  
APPLICATION NUMBER: EP 96870053.4  
FILING DATE: 19-APR-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: SADOFF, B.J.  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 2551-5  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 816-4000  
TELEFAX: (703) 816-4100  
INFORMATION FOR SEQ ID NO: 274:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 274:  
US-10-453-792-274  
Query Match 0.7%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 728 GCCAGGAGAAACAGA 742  
Db 18 GCCAGGAGAAACAGA 4  
RESULT 505  
US-10-606-879-274/c  
Sequence 274, Application US/10606879  
GENERAL INFORMATION:  
APPLICANT: STUYVER, LIEVEN  
ROSSAU, RUDI  
MAERTENS, GEERT  
TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV  
NUMBER OF SEQUENCES: 313  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NIXON & VANDERHYE P.C.  
STREET: 1100 NORTH GLEBE ROAD  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: U.S.A.  
ZIP: 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/606,879

FILING DATE: 27-Jun-2003  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/155,885A  
FILING DATE: 08-Oct-1998  
APPLICATION NUMBER: PCT/EP97/02002  
FILING DATE: 21-APR-1997  
APPLICATION NUMBER: EP 96870053.4  
FILING DATE: 19-APR-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: SADOFF, B.J.  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 2551-5  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 816-4000  
TELEFAX: (703) 816-4100  
INFORMATION FOR SEQ ID NO: 274:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 274:  
US-10-606-879-274  
Query Match 0.7%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 728 GCCAGGAGAAACAGA 742  
Db 18 GCCAGGAGAAACAGA 4  
RESULT 506  
US-10-702-817-150/c  
Sequence 150, Application US/10702817  
GENERAL INFORMATION:  
APPLICANT: Hong Zhang  
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION  
FILE REFERENCE: ISPH-0797  
CURRENT APPLICATION NUMBER: US/10/702,817  
CURRENT FILING DATE: 2003-11-06  
PRIOR APPLICATION NUMBER: US 09/106,038  
PRIOR FILING DATE: 1998-06-26  
PRIOR APPLICATION NUMBER: PCT/US99/13763  
PRIOR FILING DATE: 1999-06-17  
PRIOR APPLICATION NUMBER: 09/695,451  
PRIOR FILING DATE: 2000-10-24  
NUMBER OF SEQ ID NOS: 247  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 150  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense oligonucleotide  
US-10-702-817-150  
Query Match 0.7%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1130 CCTTCACCTCCAGCT 1144  
Db 15 CCTTCACCTCCAGCT 1  
RESULT 507  
PCT-US99-18101-61/c

```
/ Sequence 61, Application PC/TUS9918101
/ GENERAL INFORMATION:
/ APPLICANT: California Pacific Medical Center
/ APPLICANT: Smith, Helene
/ APPLICANT: Chen, Ling-Chun
/ TITLE OF INVENTION: Genes Amplified in Cancer Cells
/ FILE REFERENCE: 28882000147
/ CURRENT APPLICATION NUMBER: PCT/US99/18101
/ CURRENT FILING DATE: 1999-08-10
/ EARLIER APPLICATION NUMBER: 09/132,029
/ EARLIER FILING DATE: 1999-08-10
/ NUMBER OF SEQ ID NOS: 132
/ SOFTWARE: FastSEQ for Windows Version 3.0
/ SEQ ID NO 61
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Unknown
/ FEATURE:
/ OTHER INFORMATION: Primer
PCT-US99-18101-61

Query Match          0.7%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 928 TTATCCCTCCTCTTC 942
Db 18 TTATCCCTCCTCTTC 4

RESULT 508
US-09-132-029-61/c
/ Sequence 61, Application US/09132029
/ GENERAL INFORMATION:
/ APPLICANT: Smith, Helene
/ APPLICANT: Chen, Ling-Chun
/ TITLE OF INVENTION: Genes Amplified in Cancer Cells
/ FILE REFERENCE: 28882000121
/ CURRENT APPLICATION NUMBER: US/09/132,029
/ CURRENT FILING DATE: 1998-08-10
/ EARLIER APPLICATION NUMBER: 60/015,167
/ EARLIER FILING DATE: 1996-04-09
/ EARLIER APPLICATION NUMBER: 60/015,202
/ EARLIER FILING DATE: 1996-06-06
/ EARLIER APPLICATION NUMBER: 08/463,660
/ EARLIER FILING DATE: 1995-06-05
/ EARLIER APPLICATION NUMBER: 08/678,280
/ EARLIER FILING DATE: 1996-07-10
/ NUMBER OF SEQ ID NOS: 132
/ SOFTWARE: FastSEQ for Windows Version 3.0
/ SEQ ID NO 61
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Unknown
/ FEATURE:
/ OTHER INFORMATION: Primer
US-09-132-029-61

Query Match          0.7%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 928 TTATCCCTCCTCTTC 942
Db 18 TTATCCCTCCTCTTC 4

RESULT 509
US-10-266-090-39560
/ Sequence 39560, Application US/10266090
/ GENERAL INFORMATION:
/ APPLICANT: GOFF, STEPHEN
/ APPLICANT: BONAN, CAROLINE

/ Sequence 61, Application PC/TUS9918101
/ GENERAL INFORMATION:
/ APPLICANT: California Pacific Medical Center
/ APPLICANT: Smith, Helene
/ APPLICANT: Chen, Ling-Chun
/ TITLE OF INVENTION: Genes Amplified in Cancer Cells
/ FILE REFERENCE: 28882000147
/ CURRENT APPLICATION NUMBER: PCT/US99/18101
/ CURRENT FILING DATE: 1999-08-10
/ EARLIER APPLICATION NUMBER: 09/132,029
/ EARLIER FILING DATE: 1999-08-10
/ NUMBER OF SEQ ID NOS: 132
/ SOFTWARE: FastSEQ for Windows Version 3.0
/ SEQ ID NO 61
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Unknown
/ FEATURE:
/ OTHER INFORMATION: Primer
PCT-US99-18101-61

Query Match          0.7%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 928 TTATCCCTCCTCTTC 942
Db 18 TTATCCCTCCTCTTC 4

RESULT 510
US-10-310-188-57220/c
/ Sequence 57220, Application US/10310188
/ GENERAL INFORMATION:
/ APPLICANT: RosettaGenomics
/ TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GE
/ FILE REFERENCE: 47487
/ CURRENT APPLICATION NUMBER: US/10/310,188
/ CURRENT FILING DATE: 2002-12-19
/ NUMBER OF SEQ ID NOS: 86841
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 57220
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-310-188-57220

Query Match          0.7%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1015 GAAAGAGAGGGGAG 1029
Db 1 GAAAGAGAGGGGAG 15

RESULT 511
US-09-155-885A-135/c
/ Sequence 135, Application US/09155885A
/ GENERAL INFORMATION:
/ APPLICANT: STUYVER, LIEVEN
/ APPLICANT: ROSSAU, RUDI
/ APPLICANT: MAERTENS, GEERT
/ TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
/ NUMBER OF SEQUENCES: 313
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: NIXON & VANDERHVE P.C.
/ STREET: 1100 NORTH GLEBE ROAD
/ CITY: ARLINGTON
/ STATE: VIRGINIA
/ COUNTRY: U.S.A.
/ ZIP: 22201-4714
```

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/155,885A  
FILING DATE: 08-Oct-1998  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/EP97/02002  
FILING DATE: 21-APR-1997  
APPLICATION NUMBER: EP 96870053.4  
FILING DATE: 19-APR-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: SADOFF, B.J.  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 2551-5  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 816-4000  
TELEFAX: (703) 816-4100  
INFORMATION FOR SEQ ID NO: 135:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRADEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 135:  
US-09-155-885A-135

Query Match 0.7%; Score 15; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.8e+02;  
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923  
Db 17 ATTTCTTTGGTCTTG 1

RESULT 512  
US-09-612-558A-42/c  
; Sequence 42, Application US/09612558A  
; GENERAL INFORMATION:  
; APPLICANT: STUYVER, LIEVEN  
; APPLICANT: VAN GEYT, CAROLINE  
; APPLICANT: MAERTENS, GEERT  
; TITLE OF INVENTION: DETECTION OF ANTI-HEPATITIS B DRUG RESISTANCE  
; FILE REFERENCE: 2551-45  
; CURRENT APPLICATION NUMBER: US/09/612,558A  
; CURRENT FILING DATE: 2000-07-07  
; PRIOR APPLICATION NUMBER: 60/143,546  
; PRIOR FILING DATE: 1999-07-13  
; PRIOR APPLICATION NUMBER: EP 99870148.6  
; PRIOR FILING DATE: 1999-07-08  
; NUMBER OF SEQ ID NOS: 109  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 42  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Hepatitis B virus  
US-09-612-558A-42

Query Match 0.7%; Score 15; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.8e+02;  
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923  
Db 17 ATTTCTTTGGTCTTG 1

RESULT 513  
US-09-612-558B-42/c  
; Sequence 42, Application US/09612558B  
; GENERAL INFORMATION:  
; APPLICANT: STUYVER, LIEVEN  
; APPLICANT: VAN GEYT, CAROLINE  
; APPLICANT: MAERTENS, GEERT  
; TITLE OF INVENTION: DETECTION OF ANTI-HEPATITIS B DRUG RESISTANCE  
; FILE REFERENCE: 2551-45  
; CURRENT APPLICATION NUMBER: US/09/612,558B  
; CURRENT FILING DATE: 2000-07-07  
; PRIOR APPLICATION NUMBER: 60/143,546  
; PRIOR FILING DATE: 1999-07-13  
; PRIOR APPLICATION NUMBER: EP 99870148.6  
; PRIOR FILING DATE: 1999-07-08  
; NUMBER OF SEQ ID NOS: 109  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 42  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Hepatitis B virus  
US-09-612-558B-42

Query Match 0.7%; Score 15; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.8e+02;  
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923  
Db 17 ATTTCTTTGGTCTTG 1

RESULT 514  
US-09-612-558C-42/c  
; Sequence 42, Application US/09612558C  
; GENERAL INFORMATION:  
; APPLICANT: STUYVER, LIEVEN  
; APPLICANT: VAN GEYT, CAROLINE  
; APPLICANT: MAERTENS, GEERT  
; TITLE OF INVENTION: DETECTION OF ANTI-HEPATITIS B DRUG RESISTANCE  
; FILE REFERENCE: 2551-45  
; CURRENT APPLICATION NUMBER: US/09/612,558C  
; CURRENT FILING DATE: 2000-07-07  
; PRIOR APPLICATION NUMBER: 60/143,546  
; PRIOR FILING DATE: 1999-07-13  
; PRIOR APPLICATION NUMBER: EP 99870148.6  
; PRIOR FILING DATE: 1999-07-08  
; NUMBER OF SEQ ID NOS: 110  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 42  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Hepatitis B virus  
US-09-612-558C-42

Query Match 0.7%; Score 15; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.8e+02;  
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923  
Db 17 ATTTCTTTGGTCTTG 1

RESULT 515  
US-09-718-095-37/c  
; Sequence 37, Application US/09718095  
; GENERAL INFORMATION:  
; APPLICANT: STUYVER, LIEVEN  
; APPLICANT: VAN GEYT, CAROLINE  
; APPLICANT: DE GENDT SIJA  
; TITLE OF INVENTION: New HBV Sequences



```
; FILE REFERENCE: 2551-52
; CURRENT APPLICATION NUMBER: US/09/718,095
; CURRENT FILING DATE: 2000-11-22
; PRIOR APPLICATION NUMBER: EP99870252.6
; PRIOR FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: US60/169,287
; PRIOR FILING DATE: 1999-12-07
; NUMBER OF SEQ ID NOS: 169
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Hepatitis B virus
US-09-718-095-37

Query Match      0.7%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.8e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
Db 17 ATTTCTTTGGTCTTTG 1

RESULT 516
US-10-453-792-135/c
; Sequence 135, Application US/10453792
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/453,792
; FILING DATE: 04-Jun-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 135:
US-09-718-095-37
```

```
US-10-453-792-135
Query Match      0.7%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.8e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
Db 17 ATTTCTTTGGTCTTTG 1

RESULT 517
US-10-606-879-135/c
; Sequence 135, Application US/10606879
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/606,879
; FILING DATE: 27-Jun-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 135:
US-10-606-879-135

Query Match      0.7%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.8e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
Db 17 ATTTCTTTGGTCTTTG 1

RESULT 518
US-08-472-802A-36
```

Sequence 36, Application US/08472802A  
GENERAL INFORMATION:  
APPLICANT: Villeponteau, Bryant  
APPLICANT: Feng, Junli  
APPLICANT: Funk, Walter  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: Mammalian Telomerase  
NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/472,802A  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/272,102  
FILING DATE: 07-JUL-1994  
APPLICATION NUMBER: US 08/330,123  
FILING DATE: 27-OCT-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Storella, John R.  
REGISTRATION NUMBER: 32,944  
REFERENCE/DOCKET NUMBER: 15389-000820  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 36:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-472-802A-36

Query Match 0.7%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1247 CGACCCCATCCCCAAC 1264  
DB 1 CCAACCCCAACCCCAACC 18

RESULT 519  
US-08-472-802B-36  
Sequence 36, Application US/08472802B  
GENERAL INFORMATION:  
APPLICANT: Villeponteau, Bryant  
APPLICANT: Feng, Junli  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: Mammalian Telomerase  
NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/472,802B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/272,102  
FILING DATE: 07-JUL-1994  
APPLICATION NUMBER: US 08/330,123  
FILING DATE: 27-OCT-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, William M.  
REGISTRATION NUMBER: 30,223  
REFERENCE/DOCKET NUMBER: 15389-000820  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 36:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-472-802B-36

Query Match 0.7%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1247 CGACCCCATCCCCAAC 1264  
DB 1 CCAACCCCAACCCCAACC 18

RESULT 520  
US-08-521-634-51  
Sequence 51, Application US/08521634  
GENERAL INFORMATION:  
APPLICANT: Villeponteau, Bryant  
APPLICANT: Feng, Junli  
APPLICANT: Funk, Walter  
APPLICANT: Andrews, William  
TITLE OF INVENTION: Mammalian Telomerase  
NUMBER OF SEQUENCES: 66  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew  
STREET: One Market Plaza, Steuart Tower, Suite 2000  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94105  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/521,634  
FILING DATE: 31-AUG-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/482,115  
FILING DATE: 7-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/472,802  
FILING DATE: 7-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/330,123  
FILING DATE: 27-OCT-1994

;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/272,102  
;; FILING DATE: 7-JUL-1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Dunn, Tracy J.  
;; REGISTRATION NUMBER: 34,587  
;; REFERENCE/DOCKET NUMBER: 15389-000850  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 415-326-2400  
;; TELEFAX: 415-326-2422  
;; INFORMATION FOR SEQ ID NO: 51:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (oligonucleotide)  
US-08-521-634-51

Query Match 0.7%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1247 CCGACCCCATCCCAACC 1264  
DB 1 CCAACCCCAACCCCAACC 18

RESULT 521  
US-08-608-862-6/c  
;; Sequence 6, Application US/08608862  
;; GENERAL INFORMATION:  
;; APPLICANT: Barber, Jack R.  
;; APPLICANT: Welch, Peter J.  
;; APPLICANT: Tritz, Richard  
;; APPLICANT: Yei, SoonPin  
;; APPLICANT: Yu, Mang  
;; TITLE OF INVENTION: HEPATITIS C VIRUS RIBOZYMES  
;; NUMBER OF SEQUENCES: 73  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: SEED AND BERRY LLP  
;; STREET: 6300 Columbia Center, 701 Fifth Avenue  
;; CITY: Seattle  
;; STATE: Washington  
;; COUNTRY: USA  
;; ZIP: 98104-7092  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent In Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/608,862  
;; FILING DATE: 29-FEB-1996  
;; CLASSIFICATION: 435  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: McMasters, David D.  
;; REGISTRATION NUMBER: 33,963  
;; REFERENCE/DOCKET NUMBER: 480124.403A1  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (206) 622-4900  
;; TELEFAX: (206) 682-6031  
;; INFORMATION FOR SEQ ID NO: 6:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-08-608-862-6

Query Match 0.7%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1204 CCCTATCAGGGGCTGAC 1221  
DB 18 CCCATCAGGGGCTGGC 1

RESULT 522  
US-09-703-708-14260  
;; Sequence 14260, Application US/09703708  
;; GENERAL INFORMATION:  
;; APPLICANT: Bower, Stanley G.  
;; APPLICANT: Hinkle, Gregory J.  
;; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof  
;; FILE REFERENCE: 38-10(15804)C  
;; CURRENT APPLICATION NUMBER: US/09/703,708  
;; CURRENT FILING DATE: 2000-11-02 US 60/164,320  
;; PRIOR APPLICATION NUMBER: 1999-11-10  
;; PRIOR FILING DATE: 2000-02-22 US 60/183,791  
;; NUMBER OF SEQ ID NOS: 18992  
;; SEQ ID NO 14260  
;; LENGTH: 18  
;; TYPE: DNA  
;; ORGANISM: Xanthomonas campestris  
US-09-703-708-14260

Query Match 0.7%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 740 AGAACACCGTGTGCACCT 757  
DB 1 AGAATGCCGTGTGCACCT 18

RESULT 523  
US-10-310-188-9848/c  
;; Sequence 9848, Application US/10310188  
;; GENERAL INFORMATION:  
;; APPLICANT: RosettaGenomics  
;; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GI  
;; TITLE OF INVENTION: USES THEREOF  
;; FILE REFERENCE: 47487  
;; CURRENT APPLICATION NUMBER: US/10/310,188  
;; CURRENT FILING DATE: 2002-12-19  
;; NUMBER OF SEQ ID NOS: 86841  
;; SOFTWARE: Patent in version 3.1  
;; SEQ ID NO 9848  
;; LENGTH: 18  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-10-310-188-9848

Query Match 0.7%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACCCCTTC 1270  
DB 18 CCATCCCCAACCCCTTC 1

RESULT 524  
US-10-310-188-82678/c  
;; Sequence 82678, Application US/10310188  
;; GENERAL INFORMATION:  
;; APPLICANT: RosettaGenomics  
;; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GI  
;; TITLE OF INVENTION: USES THEREOF  
;; FILE REFERENCE: 47487  
;; CURRENT APPLICATION NUMBER: US/10/310,188  
;; CURRENT FILING DATE: 2002-12-19

```
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 82678
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-82678

Query Match          0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1251 CCCCACCCCAACCCCT 1268
Db 18 CCCCACCCCAACCCCT 1

RESULT 525
US-10-359-935-36
; Sequence 36, Application US/10359935
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; FENG, Junli
; FUNK, Walter
; ANDREWS, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/10/359,935
; FILING DATE: 07-Feb-2003
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/057,351
; FILING DATE: 08-APR-1994
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; APPLICATION NUMBER: US 08/472,802
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000821US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-10-359-935-36

Query Match          0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1247 CCGAGCCCATCCCCACC 1264
Db 1 CCAACCCCAACCCCAACC 18

RESULT 526
US-60-164-320-14260
; Sequence 14260, Application US/60164320
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)A
; CURRENT APPLICATION NUMBER: US/60/164,320
; CURRENT FILING DATE: 1999-11-10
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 14260
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-60-164-320-14260

Query Match          0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 740 AGAACACCGGTGTGCACCT 757
Db 1 AGAATGCCGTGTGCACCT 18

RESULT 527
US-60-183-791-14260
; Sequence 14260, Application US/60183791
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)B
; CURRENT APPLICATION NUMBER: US/60/183,791
; CURRENT FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 14260
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-60-183-791-14260

Query Match          0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 740 AGAACACCGGTGTGCACCT 757
Db 1 AGAATGCCGTGTGCACCT 18

RESULT 528
US-10-266-090-38876
; Sequence 38876, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
```

; PRIOR FILING DATE: 2001-09-26  
; NUMBER OF SEQ ID NOS: 51812  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 38876  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA  
US-10-266-090-38876

Query Match 0.7%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 3.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1133 TCACCTCCAGCTCCACCT 1150  
|||||  
Db 1 TCACCTCCAGCTCCCTCT 18

RESULT 529  
US-10-293-338-5899/c  
; Sequence 5899, Application US/10293338  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics LTD  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND  
; FILE REFERENCE: 45282  
; CURRENT APPLICATION NUMBER: US/10/293,338  
; CURRENT FILING DATE: 2002-11-14  
; NUMBER OF SEQ ID NOS: 8785  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5899  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-293-338-5899

Query Match 0.7%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 3.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1251 CCCATCCCCAACCCCT 1268  
|||||  
Db 19 CCCATCCCCAACCCCT 2

RESULT 530  
US-10-310-188-72776/c  
; Sequence 72776, Application US/10310188  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES  
; FILE REFERENCE: 47487  
; CURRENT APPLICATION NUMBER: US/10/310,188  
; CURRENT FILING DATE: 2002-12-19  
; NUMBER OF SEQ ID NOS: 86841  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 72776  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-310-188-72776

Query Match 0.7%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 3.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1251 CCCATCCCCAACCCCT 1268  
|||||  
Db 19 CCCATCCCCAACCCCT 2

RESULT 531  
US-10-310-188-72843/c  
; Sequence 72843, Application US/10310188  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES  
; FILE REFERENCE: 47487  
; CURRENT APPLICATION NUMBER: US/10/310,188  
; CURRENT FILING DATE: 2002-12-19  
; NUMBER OF SEQ ID NOS: 86841  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 72843  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-310-188-72843

Query Match 0.7%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 3.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1251 CCCATCCCCAACCCCT 1268  
|||||  
Db 1 18 CCCATCCCCAACCCCT 1

RESULT 532  
PCT-US01-06572A-308  
; Sequence 308, Application PC/TUS0106572A  
; GENERAL INFORMATION:  
; APPLICANT: Isis Pharmaceuticals, Inc.  
; APPLICANT: Ian Popoff  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION  
; FILE REFERENCE: RTSP-0115  
; CURRENT APPLICATION NUMBER: PCT/US01/06572A  
; CURRENT FILING DATE: 2001-03-01  
; PRIOR APPLICATION NUMBER: 09/517,647  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 345  
; SEQ ID NO 308  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
PCT-US01-06572A-308

Query Match 0.7%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 4.1e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1273 AACTGGGAGGACAGCGCC 1290  
|||||  
Db 1 AACTGGGAGGACAGCTCC 18

RESULT 533  
PCT-US02-10529-143  
; Sequence 143, Application PC/TUS0210529  
; GENERAL INFORMATION:  
; APPLICANT: Isis Pharmaceuticals, Inc.  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE I EXPRESSION  
; FILE REFERENCE: RTSP-0291  
; CURRENT APPLICATION NUMBER: PCT/US02/10529  
; CURRENT FILING DATE: 2002-04-02  
; PRIOR APPLICATION NUMBER: 09/828,344  
; PRIOR FILING DATE: 2001-04-05  
; NUMBER OF SEQ ID NOS: 176

```
; SEQ ID NO 143
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-10529-143

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGTC 1145
Db 2 CATCTTCACCTCCAGGTC 19

RESULT 534
PCT-US02-18153-120
; Sequence 120, Application PC/TUS0218153
; GENERAL INFORMATION:
; APPLICANT: Dana-Farber Cancer Institute
; APPLICANT: D'Andrea, Alan
; APPLICANT: Taniguchi, Toshiyasu
; APPLICANT: Timmers, Cynthia
; APPLICANT: Grompe, Markus
; APPLICANT: Fox, Edward A.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY
; FILE REFERENCE: 7032/2058B
; CURRENT APPLICATION NUMBER: PCT/US02/18153
; CURRENT FILING DATE: 2002-06-02
; PRIOR APPLICATION NUMBER: US 09/998,027
; PRIOR FILING DATE: 2001-11-02
; NUMBER OF SEQ ID NOS: 352
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
PCT-US02-18153-120

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1062 AAACCCAAAGCTTCAGTCC 1079
Db 3 AAACCCATGATTCAGTCC 20

RESULT 535
PCT-US03-25389-718/c
; Sequence 718, Application PC/TUS0325389
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; APPLICANT: Ross, Stuart A
; TITLE OF INVENTION: Antisense Modulation Of Acyl-CoA Synthetase 1 Expression
; FILE REFERENCE: 01294/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/25389
; CURRENT FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: 60/403,591
; PRIOR FILING DATE: 2002-08-14
; NUMBER OF SEQ ID NOS: 3624
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 718
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human ACS-1 antisense
```

```
PCT-US03-25389-718.

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 731 AGGAGAAACAGAACACCG 748
Db 20 AGAGGAAACAGAACACCG 3

RESULT 536
PCT-US03-25389-1285/c
; Sequence 1285, Application PC/TUS0325389
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; APPLICANT: Ross, Stuart A
; TITLE OF INVENTION: Antisense Modulation Of Acyl-CoA Synthetase 1 Expression
; FILE REFERENCE: 01294/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/25389
; CURRENT FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: 60/403,591
; PRIOR FILING DATE: 2002-08-14
; NUMBER OF SEQ ID NOS: 3624
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1285
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human ACS-1 antisense
PCT-US03-25389-1285

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 731 AGGAGAAACAGAACACCG 748
Db 19 AGAGGAAACAGAACACCG 2

RESULT 537
PCT-US99-16337-62/c
; Sequence 62, Application PC/TUS9916337
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
; FILE REFERENCE: 2323-136-PCT
; CURRENT APPLICATION NUMBER: PCT/US99/16337
; CURRENT FILING DATE: 1999-07-20
; EARLIER APPLICATION NUMBER: 09/122,847
; EARLIER FILING DATE: 1998-07-27
; EARLIER APPLICATION NUMBER: 09/226,012
; EARLIER FILING DATE: 1999-01-06
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US99-16337-62

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1274 AGTGGAGGACAGCGCCC 1291
Db 18 AGTGGAGGACATAGCCC 1
```

```
RESULT 538
US-09-122-847-62/c
; Sequence 62, Application US/09122847
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
; FILE REFERENCE: 2323-130
; CURRENT APPLICATION NUMBER: US/09/122,847
; CURRENT FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-122-847-62

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1274 AGTGGGAGGACGAGCGGCC 1291
Db 18 AGTGGGAGGACATAGCCC 1

RESULT 539
US-09-514-000-14226/c
; Sequence 14226, Application US/09514000
; GENERAL INFORMATION:
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15490)B
; CURRENT APPLICATION NUMBER: US/09/514,000
; CURRENT FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 15034
; SEQ ID NO 14226
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Agrobacterium tumefaciens
US-09-514-000-14226

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1115 CCGTGCCCGAGTCCACCT 1132
Db 18 CCTTGACCAGTTCACCT 1

RESULT 540
US-09-703-708-17107/c
; Sequence 17107, Application US/09703708
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15904)C
; CURRENT APPLICATION NUMBER: US/09/703,708
; CURRENT FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/164,320
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: US 60/183,791
; PRIOR FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 17107
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: Xanthomonas campestris
US-09-703-708-17107

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 818 GCCTGAGTGACGAGT 835
Db 19 GCTTGAGTGACGAGT 2

RESULT 541
US-09-735-995-62/c
; Sequence 62, Application US/09735995
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
; FILE REFERENCE: 2323-136
; CURRENT APPLICATION NUMBER: US/09/735,995
; CURRENT FILING DATE: 2000-12-14
; PRIOR APPLICATION NUMBER: 09/226,012
; PRIOR FILING DATE: 1999-01-06
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-735-995-62

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1274 AGTGGGAGGACGAGCGGCC 1291
Db 18 AGTGGGAGGACATAGCCC 1

RESULT 542
US-09-828-344-143
; Sequence 143, Application US/09828344
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE I EXPRESSION
; FILE REFERENCE: RTS-0147
; CURRENT APPLICATION NUMBER: US/09/828,344
; CURRENT FILING DATE: 2001-04-06
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 143
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-828-344-143

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGTC 1145
Db 2 CATCTTCACCTCCAGTC 19

RESULT 543
US-09-976-782-72/c
; Sequence 72, Application US/09976782
```





```

; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 45656
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-45656

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1131 CTTACCTCCAGTCCAC 1148
|||
Db 3 CTTACCTCCAGTCCAC 20

RESULT 548
US-10-293-338-5014/c
; Sequence 5014, Application US/10293338
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics LTD
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 45282
; CURRENT APPLICATION NUMBER: US/10/293,338
; CURRENT FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 8785
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5014
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-293-338-5014

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1237 GCCTCGCTCCGACCCC 1254
|||
Db 20 GCCTCGCTCCGACCCC 3

RESULT 549
US-10-293-998-11
; Sequence 11, Application US/10293998
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR RE2 EXPRESSION
; FILE REFERENCE: HTS-0026
; CURRENT APPLICATION NUMBER: US/10/293,998
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-293-998-11

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1237 GCCTCGCTCCGACCCC 1254
|||
Db 20 GCCTCGCTCCGACCCC 3

RESULT 550
US-10-293-998-48/c
; Sequence 48, Application US/10293998
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR RE2 EXPRESSION
; FILE REFERENCE: HTS-0026
; CURRENT APPLICATION NUMBER: US/10/293,998
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-293-998-48

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1187 GCAGAGAGTGGCACCAC 1204
|||
Db 19 GCAGAGAGTGGCACCAC 2

RESULT 551
US-10-303-778-11819/c
; Sequence 11819, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11819
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-11819

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1250 ACCCATCCCAACCCC 1267
|||
Db 19 ACCCATCCCAACCCC 2

RESULT 552
US-10-310-188-21658/c
; Sequence 21658, Application US/10310188
; GENERAL INFORMATION:
```

```

; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21658
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-21658

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1250 ACCCCATCCCAACCC 1267
Db 19 ACCCGACCCCAACCC 2

RESULT 553
US-10-310-188-36415/c
; Sequence 36415, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 36415
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-36415

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1086 AGGCTTCACCCCAACCT 1103
Db 20 AGGCTTCACCCCAACCT 3

RESULT 554
US-10-696-708-62/c
; Sequence 62, Application US/10696708
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
; TITLE OF INVENTION: SYNDROME GENE
; FILE REFERENCE: 2323-164
; CURRENT APPLICATION NUMBER: US/10/696,708
; CURRENT FILING DATE: 2003-10-30
; PRIOR APPLICATION NUMBER: US 09/735,995
; PRIOR FILING DATE: 2000-12-14
; PRIOR APPLICATION NUMBER: US 09/226,012
; PRIOR FILING DATE: 1999-01-06
; PRIOR APPLICATION NUMBER: 09/122,847
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens

```

```

US-10-696-708-62

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1274 AGTGGAGGACGCGCC 1291
Db 18 AGTGGAGGACATAGCC 1

RESULT 555
US-60-164-320-17107/c
; Sequence 17107, Application US/60164320
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)A
; CURRENT APPLICATION NUMBER: US/60/164,320
; CURRENT FILING DATE: 1999-11-10
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 17107
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-60-164-320-17107

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 818 GCCTGGAGTGACGGAAGT 835
Db 19 GCTTGAAGTGACGGAAGT 2

RESULT 556
US-60-183-791-17107/c
; Sequence 17107, Application US/60183791
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)B
; CURRENT APPLICATION NUMBER: US/60/183,791
; CURRENT FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 17107
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-60-183-791-17107

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 818 GCCTGGAGTGACGGAAGT 835
Db 19 GCTTGAAGTGACGGAAGT 2

RESULT 557
US-60-216-745-5749/c
; Sequence 5749, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Abderrahim, Hadi
; APPLICANT: Dufaire-Gare, Isabelle
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...

```





```
/ ORGANISM: human
/ FEATURE:
/ OTHER INFORMATION: amplification primer for exons 2 and 3 of
/ OTHER INFORMATION: HLA-A
US-08-729-043-2
Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1175 TTGGGCTCCCGGAG 1192
Db 21 TTGCTTCCTCCCGGAG 4

RESULT 564
US-08-946-021-24
; Sequence 24, Application US/08946021
; GENERAL INFORMATION:
; APPLICANT: UENO, Takasasa
; TITLE OF INVENTION: Recombinant Human Immunodeficiency Virus Type-I and
; FILE OF INVENTION: Viral Molecular Clone for Production Thereof
; FILE REFERENCE: 3999/64
; CURRENT APPLICATION NUMBER: US/08/946,021
; CURRENT FILING DATE: 1997-10-07
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 24
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: I50V
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-08-946-021-24

Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1135 ACCTCCAGCTCCACCTAT 1152
Db 3 ACCTCCAACTCCCTAT 20

RESULT 565
US-09-657-472-1936
; Sequence 1936, Application US/09657472
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George O.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1936
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens

US-09-657-472-1936
Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 4.2e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1266 CCTTCAGAGTGGGAGGACA 1285
Db 1 CCTTCAGCAAYGGAGGAAA 20

RESULT 566
US-09-957-837A-24/c
; Sequence 24, Application US/09957837A
; GENERAL INFORMATION:
; APPLICANT: LOUGHEY ET AL
; TITLE OF INVENTION: ATR-2 CELL CYCLE CHECKPOINT
; FILE REFERENCE: 27866/37760
; CURRENT APPLICATION NUMBER: US/09/957,837A
; CURRENT FILING DATE: 2001-09-21
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: Patent version 3.1
; SEQ ID NO 24
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer SLQrev
US-09-957-837A-24

Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 808 TGTAGAAAGCCTGGAG 825
Db 19 TGTAGACAGCCTGCAG 2

RESULT 567
US-10-291-046-6/c
; Sequence 6, Application US/10291046
; GENERAL INFORMATION:
; APPLICANT: Yokota, Hiroki
; APPLICANT: Sun, Hin Bin
; APPLICANT: Xu, Zao. C.
; APPLICANT: Ruan, Yiwen
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
; FILE OF INVENTION: ISCHEMIC STROKE
; FILE REFERENCE: ARTI-0210
; CURRENT APPLICATION NUMBER: US/10/291,046
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: 60/339,980
; PRIOR FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-291-046-6

Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 737 AACAGAACCCGTGTGCA 754
Db 21 AACAGAACCCAGTGTGCA 4
```

```
RESULT 568
US-10-303-778-14487/c
; Sequence 14487, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14487
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-14487

Query Match          0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1012 CCTGAAAGAGGGGGGAG 1029
      ||||| ||||| |||||
DB 19 CCTGAAGAGGGGGGAG 2

RESULT 569
US-10-303-778-14711
; Sequence 14711, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14711
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-14711

Query Match          0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1088 GCTTCACCCCGCCCTGG 1105
      ||||| ||||| |||||
DB 4 GCTTCACCCCTCTCCCTGG 21

RESULT 570
US-10-303-778-26585/c
; Sequence 26585, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26585
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-26585

Query Match          0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1088 GCTTCACCCCGCCCTGG 1105
      ||||| ||||| |||||
DB 4 GCTTCACCCCTCTCCCTGG 21
```

```
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1012 CCTGAAAGAGGGGGGAG 1029
      ||||| ||||| |||||
DB 19 CCTGAAGAGGGGGGAG 2

RESULT 571
US-10-310-188-27432
; Sequence 27432, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27432
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-27432

Query Match          0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1088 GCTTCACCCCGCCCTGG 1105
      ||||| ||||| |||||
DB 4 GCTTCACCCCTCTCCCTGG 21

RESULT 572
US-10-310-188-34870/c
; Sequence 34870, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 34870
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-34870

Query Match          0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1244 CCTCCGACCCCATCCCA 1261
      ||||| ||||| |||||
DB 19 CCCCACCCCATCCCA 2

RESULT 573
US-10-751-736-23430/c
; Sequence 23430, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
```

```
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23430
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-23430

Query Match      0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 980 AGCTCTACTCCATTGTTT 997
Db 21 AACTCTACTCCATTGTTT 4

RESULT 574
US-60-216-745-10265
; Sequence 10265, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumefeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Abderrahim, Hadi
; APPLICANT: Dufauré-Gare, Isabelle
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
; FILE REFERENCE: 84. US1.PRO
; CURRENT APPLICATION NUMBER: US/60/216,745
; CURRENT FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 13665
; SOFTWARE: Patent.pm
; SEQ ID NO 10265
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-21531 for SEQ 1203, in complem
US-60-216-745-10265

Query Match      0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 925 CTTTATCCCTCCTCTTC 942
Db 4 CTTTCTCTCCTCTCTTC 21

RESULT 575
US-09-945-505-9
; Sequence 9, Application US/09945505
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505-22/c
; Sequence 22, Application US/09945505
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505-22
```

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505-9
Query Match      0.7%; Score 14.6; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1183 CCCGCGAGAGAGGTG 1197
Db 1 CCCGCGAGAGAGGTG 15

RESULT 576
US-09-945-505-21
; Sequence 21, Application US/09945505
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505-21
Query Match      0.7%; Score 14.6; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1177 GCGGCTCCCGCAGA 1191
Db 1 GCGGCTCCCGCAGA 15

RESULT 577
US-09-945-505-22/c
; Sequence 22, Application US/09945505
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505-22
Query Match      0.7%; Score 14.6; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1189 AGAGAGGTGGCACC 1203
Db 15 ARAGAGGTGGCACC 1
```

```
RESULT 578
US-09-945-505A-9
; Sequence 9, Application US/09945505A
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505A
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1/text editor
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505A-9

Query Match          0.7%; Score 14.6; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1183 CCCCGCAGAGGTG 1197
|||||:|||||
Db 1 CCCCGCAGAGGTG 15

RESULT 579
US-09-945-505A-21
; Sequence 21, Application US/09945505A
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505A
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1/text editor
; SEQ ID NO 21
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505A-21

Query Match          0.7%; Score 14.6; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1177 GCGGTCCTCCCGCAGA 1191
|||||:|||||
Db 1 GCGGTCCTCCCGCAGA 15

RESULT 580
US-09-945-505A-22/c
; Sequence 22, Application US/09945505A
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505A
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1/text editor
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505A-22

Query Match          0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
|||||:|||||
Db 16 CCCCAACCCCCAACCCC 1
```

```
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505A
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1/text editor
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505A-22

Query Match          0.7%; Score 14.6; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1189 AGAGAGGTGGCACCA 1203
|||||:|||||
Db 1 15 ARAGAGGTGGCACCA 1

RESULT 581
US-07-954-185A-39/c
; Sequence 39, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-954-185A-39

Query Match          0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
|||||:|||||
Db 16 CCCCAACCCCCAACCCC 1
```



```
RESULT 582
US-07-954-185A-55/c
; Sequence 55, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-954-185A-55

Query Match 0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 16 CCCCAACCCCAACCCC 1

RESULT 583
US-07-954-185A-112/c
; Sequence 112, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
```

```
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-954-185A-112

Query Match 0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 16 CCCCAACCCCAACCCC 1

RESULT 584
US-09-299-058-39/c
; Sequence 39, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 39:
```

US-09-299-058-39

Query Match 0.7%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 3.7e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266  
||||| |||||||  
Db 16 CCCCAACCCCAACCCC 1

RESULT 585

US-09-299-058-55/c  
; Sequence 55, Application US/09299058  
; GENERAL INFORMATION:  
; APPLICANT: Hanecek et al.  
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core Sequence

NUMBER OF SEQUENCES: 146  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/299,058  
FILING DATE: 23-Apr-1999  
CLASSIFICATION: N/A

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/403,888  
FILING DATE: 12-JUNE-1995

ATTORNEY/AGENT INFORMATION:  
NAME: Paul K. Legaard  
REGISTRATION NUMBER: 38,534  
REFERENCE/DOCKET NUMBER: ISIS-1229  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 55:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 55:  
US-09-299-058-55

Query Match 0.7%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 3.7e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266  
||||| |||||||  
Db 16 CCCCAACCCCAACCCC 1

RESULT 586

US-09-299-058-112/c  
; Sequence 112, Application US/09299058  
; GENERAL INFORMATION:  
; APPLICANT: Hanecek et al.  
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core Sequence

NUMBER OF SEQUENCES: 146  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP

STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/299,058  
FILING DATE: 23-Apr-1999

CLASSIFICATION: N/A  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/403,888

FILING DATE: 12-JUNE-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul K. Legaard

REGISTRATION NUMBER: 38,534  
REFERENCE/DOCKET NUMBER: ISIS-1229  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 112:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 112:  
US-09-299-058-112

Query Match 0.7%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 3.7e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266  
||||| |||||||  
Db 16 CCCCAACCCCAACCCC 1

RESULT 587

US-09-860-784A-144/c  
; Sequence 144, Application US/09860784A  
; GENERAL INFORMATION:  
; APPLICANT: PEYMAN, ANUSCHIRWAN  
; TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES  
; FILE REFERENCE: 38005-0149  
; CURRENT APPLICATION NUMBER: US/09/860,784A

CURRENT FILING DATE: 2001-05-21  
PRIOR APPLICATION NUMBER: 09/631,946  
PRIOR FILING DATE: 2000-08-03  
PRIOR APPLICATION NUMBER: 09/258,408  
PRIOR FILING DATE: 1999-02-26  
PRIOR APPLICATION NUMBER: 08/594,452  
PRIOR FILING DATE: 1996-01-31  
PRIOR APPLICATION NUMBER: DE 195 02 912.7  
PRIOR FILING DATE: 1995-01-31

NUMBER OF SEQ ID NOS: 145  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 144  
LENGTH: 16  
TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: oligonucleotide

US-09-860-784A-144

Query Match 0.7%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 3.7e+02;

```
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCTCCCAACCC 1266
Db 16 CCCCAACCCCAACCC 1

RESULT 588
US-10-707-147-2165
; Sequence 2165, Application US/10707147
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND
; FILE REFERENCE: 49992
; CURRENT APPLICATION NUMBER: US/10/707,147
; CURRENT FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 20189
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2165
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-707-147-2165

Query Match 0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 752 GCACCTGCCATGCAGG 767
Db 1 GCOCCTGCCATGCAGG 16

RESULT 589
PCT-US02-29102-30
; Sequence 30, Application PC/TUS0229102
; GENERAL INFORMATION:
; APPLICANT: Applied Biosystems
; APPLICANT: Belchakova, Elena V.
; APPLICANT: Rozzelle, James E.
; TITLE OF INVENTION: A Novel DNA Polymerase from the Thermophilic Thermus Scotoductus
; FILE REFERENCE: 1560.002W01
; CURRENT APPLICATION NUMBER: PCT/US02/29102
; CURRENT FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: US 60/334489
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 60/322218
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 30
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Thermus scotoductus
PCT-US02-29102-30

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAG 1142
Db 2 CCACCTCCACCTCCAG 17

RESULT 590
PCT-US02-37657-51
; Sequence 51, Application PC/TUS0237657
; GENERAL INFORMATION:
; APPLICANT: APPLERA CORPORATION
; APPLICANT: ROZZELLE, James
; APPLICANT: BOLCHAKOVA, Elena
```

```
; TITLE OF INVENTION: THERMUS BROCKIANUS NUCLEIC ACID POLYMERASES
; FILE REFERENCE: 4768W0
; CURRENT APPLICATION NUMBER: PCT/US02/37657
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: 60/334,434
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Thermus brockianus
PCT-US02-37657-51

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAG 1142
Db 2 CCACCTCCACCTCCAG 17

RESULT 591
PCT-US02-37764-30
; Sequence 30, Application PC/TUS0237764
; GENERAL INFORMATION:
; APPLICANT: APPLERA CORPORATION
; APPLICANT: BOLCHAKOVA, Elena
; APPLICANT: ROZZELLE, James
; TITLE OF INVENTION: Thermus Oshimai Nucleic Acid Polymerases
; FILE REFERENCE: 4777W0
; CURRENT APPLICATION NUMBER: PCT/US02/37764
; CURRENT FILING DATE: 2002-11-22
; PRIOR APPLICATION NUMBER: US 60/334,798
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Thermus oshimai
PCT-US02-37764-30

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAG 1142
Db 2 CCACCTCCACCTCCAG 17

RESULT 592
US-09-531-025A-212
; Sequence 212, Application US/09531025A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Ken
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-E (247/277)
; CURRENT APPLICATION NUMBER: US/09/531,025A
; CURRENT FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
```

; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6341
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 212
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-531-025A-212

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 3.9e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTT 922
|:::|:::|:::|
Db 2 AUUUUUUUUGUCUUU 17

RESULT 595
US-09-636-385-214
; Sequence 214, Application US/09636385
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEHB00-845-F (250/125)
; CURRENT APPLICATION NUMBER: US/09/636,385
; CURRENT FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6341
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 214
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-636-385-214

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 3.9e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTTTG 923
|:::|:::|:::|
Db 1 UUUUUUUUGUCUUUG 16

RESULT 596
US-09-696-347-212
; Sequence 212, Application US/09696347
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Ken
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6341
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 212
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-531-025A-212

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 3.9e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTT 922
|:::|:::|:::|
Db 2 AUUUUUUUUGUCUUU 17

RESULT 593
US-09-531-025A-214
; Sequence 214, Application US/09531025A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Ken
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEHB00-845-E (247/277)
; CURRENT APPLICATION NUMBER: US/09/531,025A
; CURRENT FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6341
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 214
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-531-025A-214

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 3.9e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTTTG 923
|:::|:::|:::|
Db 1 UUUUUUUUGUCUUUG 16

RESULT 594
US-09-636-385-212
; Sequence 212, Application US/09636385
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEHB00-845-F (250/125)
; CURRENT APPLICATION NUMBER: US/09/636,385
; CURRENT FILING DATE: 2000-08-09



```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 204
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-204

Query Match      0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      879 AGGCACCACAGTGCTG 894
      |||||
      2 AGTCACCACAGTGCTG 17

DB

RESULT 602
US-10-060-830-205
; Sequence 205, Application US/10060830
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN LCCL DOMAN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 205
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-205

Query Match      0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      879 AGGCACCACAGTGCTG 894
      |||||
      1 AGTCACCACAGTGCTG 16

DB

RESULT 603
US-10-302-817A-51
; Sequence 51, Application US/10302817A
; GENERAL INFORMATION:

```

; APPLICANT: ROZZELLE, James  
; APPLICANT: BOLCHAKOVA, Elena  
; TITLE OF INVENTION: THERMUS BROCKIANUS NUCLEIC ACID POLYMERASES  
; FILE REFERENCE: 4768US  
; CURRENT APPLICATION NUMBER: US/10/302,817A  
; CURRENT FILING DATE: 2002-11-22  
; PRIOR FILING DATE: 2001-11-30  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 51  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Thermus brockianus  
US-10-302-817A-51

Query Match 0.7%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 3.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAG 1142  
Db 2 CCACCTCCACCTCCAG 17

RESULT 604  
US-10-303-109A-30  
; Sequence 30, Application US/10303109A  
; GENERAL INFORMATION:  
; APPLICANT: ROZZELLE, James  
; APPLICANT: BOLCHAKOVA, Elena  
; TITLE OF INVENTION: Thermus Oshimai Nucleic Acid Polymerases  
; FILE REFERENCE: 4777US  
; CURRENT APPLICATION NUMBER: US/10/303,109A  
; CURRENT FILING DATE: 2002-11-22  
; PRIOR FILING DATE: 2001-11-30  
; NUMBER OF SEQ ID NOS: 39  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 30  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Thermus oshimai  
US-10-303-109A-30

Query Match 0.7%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 3.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAG 1142  
Db 2 CCACCTCCACCTCCAG 17

RESULT 605  
US-10-310-188-75196  
; Sequence 75196, Application US/10310188  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES  
; FILE REFERENCE: 47487  
; CURRENT APPLICATION NUMBER: US/10/310,188  
; CURRENT FILING DATE: 2002-12-19  
; NUMBER OF SEQ ID NOS: 86841  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 75196  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-310-188-75196

Query Match 0.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 3.9e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCGAGA 850  
Db 2 TTGTGCTGCCCCGAGA 17

## RESULT 606

US-10-342-902-212  
; Sequence 212, Application US/10342902  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Morrissey, Dave  
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
; FILE REFERENCE: 400/075 (MBH00-845-I)  
; CURRENT APPLICATION NUMBER: US/10/342,902  
; CURRENT FILING DATE: 2003-01-15  
; PRIOR FILING DATE: 2003-01-15  
; PRIOR APPLICATION NUMBER: US 09/877,478  
; PRIOR FILING DATE: 2001-06-08  
; PRIOR APPLICATION NUMBER: US 09/531,025  
; PRIOR FILING DATE: 2000-03-20  
; PRIOR APPLICATION NUMBER: US 09/636,385  
; PRIOR FILING DATE: 2000-08-09  
; PRIOR APPLICATION NUMBER: US 09/696,347  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 08/193,627  
; PRIOR FILING DATE: 1994-02-07  
; PRIOR APPLICATION NUMBER: US 07/882,712  
; PRIOR FILING DATE: 1992-05-14  
; PRIOR APPLICATION NUMBER: US 09/436,430  
; PRIOR FILING DATE: 1999-11-08  
; NUMBER OF SEQ ID NOS: 6552  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 212  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Hepatitis B virus  
US-10-342-902-212

Query Match 0.7%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 25.0%; Pred. No. 3.9e+02;  
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTTCTCTTT 922  
Db 2 AUUUUUUUUUUUUUU 17

## RESULT 607

US-10-342-902-214  
; Sequence 214, Application US/10342902  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Morrissey, Dave  
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
; FILE REFERENCE: 400/075 (MBH00-845-I)  
; CURRENT APPLICATION NUMBER: US/10/342,902  
; CURRENT FILING DATE: 2003-01-15  
; PRIOR FILING DATE: 2001-06-08  
; PRIOR APPLICATION NUMBER: US 09/877,478  
; PRIOR FILING DATE: 2000-03-20  
; PRIOR APPLICATION NUMBER: US 09/531,025  
; PRIOR FILING DATE: 2000-08-09  
; PRIOR APPLICATION NUMBER: US 09/636,385  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 09/696,347  
; PRIOR FILING DATE: 2000-10-24

;; PRIOR APPLICATION NUMBER: US 08/193,627  
;; PRIOR FILING DATE: 1994-02-07  
;; PRIOR APPLICATION NUMBER: US 07/882,712  
;; PRIOR FILING DATE: 1992-05-14  
;; PRIOR APPLICATION NUMBER: US 09/436,430  
;; PRIOR FILING DATE: 1999-11-08  
;; NUMBER OF SEQ ID NOS: 6592  
;; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 214  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Hepatitis B virus  
US-10-342-902-214

Query Match 0.7%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 25.0%; Pred. No. 3.9e+02;  
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTTTG 923  
|:::|:::|:::|:::|  
Db 1 UUUUUUUUGUUUG 16

RESULT 608  
US-10-669-841-212  
; Sequence 212, Application US/10669841  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: Lawrence, Blatt  
; APPLICANT: Dennis, Macejak  
; APPLICANT: James, McSwiggen  
; APPLICANT: David, Morrissey  
; APPLICANT: Pamela, Pavco  
; APPLICANT: Patrice, Lee  
; APPLICANT: Kenneth, Draper  
; APPLICANT: Elisabeth, Roberts  
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS  
; TITLE OF INVENTION: VIRUS REPLICATION  
; FILE REFERENCE: 400/042US (MBH02-249-E)  
; CURRENT FILING DATE: 2003-09-23  
; PRIOR APPLICATION NUMBER: PCT/US02/09187  
; PRIOR FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: US 60/296,876  
; PRIOR FILING DATE: 2001-06-08  
; PRIOR APPLICATION NUMBER: US 60/335,059  
; PRIOR FILING DATE: 2001-10-24  
; PRIOR APPLICATION NUMBER: US 60/337,055  
; PRIOR FILING DATE: 2001-12-05  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 09/817,879  
; PRIOR FILING DATE: 2001-03-26  
; PRIOR APPLICATION NUMBER: US 09/740,332  
; PRIOR FILING DATE: 2000-12-18  
; PRIOR APPLICATION NUMBER: US 09/504,321  
; PRIOR FILING DATE: 2000-07-07  
; PRIOR APPLICATION NUMBER: US 09/611,931  
; PRIOR FILING DATE: 2000-02-15  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 16207  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 212  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Hepatitis B virus  
US-10-669-841-212

Query Match 0.7%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 25.0%; Pred. No. 3.9e+02;  
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTT 922  
|:::|:::|:::|:::|  
Db 2 AUUUUUUUUGUUUG 17

RESULT 609  
US-10-669-841-214  
; Sequence 214, Application US/10669841  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: Lawrence, Blatt  
; APPLICANT: Dennis, Macejak  
; APPLICANT: James, McSwiggen  
; APPLICANT: David, Morrissey  
; APPLICANT: Pamela, Pavco  
; APPLICANT: Patrice, Lee  
; APPLICANT: Kenneth, Draper  
; APPLICANT: Elisabeth, Roberts  
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS  
; TITLE OF INVENTION: VIRUS REPLICATION  
; FILE REFERENCE: 400/042US (MBH02-249-E)  
; CURRENT FILING DATE: 2003-09-23  
; PRIOR APPLICATION NUMBER: PCT/US02/09187  
; PRIOR FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: US 60/296,876  
; PRIOR FILING DATE: 2001-06-08  
; PRIOR APPLICATION NUMBER: US 60/335,059  
; PRIOR FILING DATE: 2001-10-24  
; PRIOR APPLICATION NUMBER: US 60/337,055  
; PRIOR FILING DATE: 2001-12-05  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 09/817,879  
; PRIOR FILING DATE: 2001-03-26  
; PRIOR APPLICATION NUMBER: US 09/740,332  
; PRIOR FILING DATE: 2000-12-18  
; PRIOR APPLICATION NUMBER: US 09/611,931  
; PRIOR FILING DATE: 2000-07-07  
; PRIOR APPLICATION NUMBER: US 09/504,321  
; PRIOR FILING DATE: 2000-02-15  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 16207  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 214  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Hepatitis B virus  
US-10-669-841-214

Query Match 0.7%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 25.0%; Pred. No. 3.9e+02;  
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTTTG 923  
|:::|:::|:::|:::|  
Db 1 UUUUUUUUGUUUG 16

RESULT 610  
US-60-325-062-204  
; Sequence 204, Application US/60325062  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Nguyen, Chung-Tuong  
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN  
; FILE REFERENCE: AEOMICA-22  
; CURRENT APPLICATION NUMBER: US/60/325,062  
; CURRENT FILING DATE: 2001-09-25  
; PRIOR APPLICATION NUMBER: PCT/US01/00667



RESULT 612  
IIS-07-954-185A-38/c

```

RESULT 613
US-07-954-185A-54/c
; Sequence 54, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Woodcock Washburn
; ADDRESSEES: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954.185A

```

FILING DATE: 19920929  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISIS-0704  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 54:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-954-185A-54

Query Match 0.7%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1251 CCCCATCCCCAACCCC 1266  
Db 18 CCCCAACCCCAACCCC 3

RESULT 614  
US-08-472-802A-35  
Sequence 35, Application US/08472802A  
GENERAL INFORMATION:  
APPLICANT: Villeponteau, Bryant  
APPLICANT: Feng, Junli  
APPLICANT: Funk, Walter  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: Mammalian Telomerase  
NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/472,802A  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/330,123  
FILING DATE: 27-OCT-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Storella, John R.  
REGISTRATION NUMBER: 32,944  
REFERENCE/DOCKET NUMBER: 15389-000820  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-472-802A-35

Query Match 0.7%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1251 CCCCATCCCCAACCCC 1266  
Db 1 CCCCAACCCCAACCCC 16

RESULT 616  
US-08-472-802B-35  
Sequence 35, Application US/08472802B  
GENERAL INFORMATION:  
APPLICANT: Villeponteau, Bryant  
APPLICANT: Feng, Junli  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: Mammalian Telomerase

FILING DATE: 19920929  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISIS-0704  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 54:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-954-185A-54

Query Match 0.7%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1251 CCCCATCCCCAACCCC 1266  
Db 18 CCCCAACCCCAACCCC 3

RESULT 614  
US-07-954-185A-111/c  
Sequence 111, Application US/07954185A  
GENERAL INFORMATION:  
APPLICANT: Romlie C. Hanecak et al.  
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
NUMBER OF SEQUENCES: 122  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn  
ADDRESSEE: Kurtz Mackiewicz & Norris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/954,185A  
FILING DATE: 19920929  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISIS-0704  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 111:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-954-185A-111

Query Match 0.7%; Score 14.4; DB 1; Length 18;

NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/472,802B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION NUMBER: US 08/272,102  
FILING DATE: 07-JUL-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/330,123  
FILING DATE: 27-OCT-1994  
FILING DATE: 27-OCT-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, William M.  
REGISTRATION NUMBER: 30,223  
REFERENCE/DOCKET NUMBER: 15389-000820  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-472-802B-35

Query Match 0.7%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266  
Db 1 CCCCAACCCCAACCCC 16

RESULT 617  
US-08-521-634-50  
Sequence 50, Application US/08521634  
GENERAL INFORMATION:  
APPLICANT: Vilpenteau, Bryant  
APPLICANT: Feng, Junli  
APPLICANT: Funk, Walter  
APPLICANT: Andrews, William  
TITLE OF INVENTION: Mammalian Telomerase  
NUMBER OF SEQUENCES: 66  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew  
STREET: One Market Plaza, Steuart Tower, Suite 2000  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94105  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/521,634  
FILING DATE: 31-AUG-1995

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/482,115  
FILING DATE: 7-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/472,802  
FILING DATE: 7-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/330,123  
FILING DATE: 27-OCT-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/272,102  
FILING DATE: 7-JUL-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Dunn, Tracy J.  
REGISTRATION NUMBER: 34,587  
REFERENCE/DOCKET NUMBER: 15389-000850  
TELEPHONE: 415-326-2400  
TELEFAX: 415-326-2422  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (oligonucleotide)  
US-08-521-634-50

Query Match 0.7%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266  
Db 1 CCCCAACCCCAACCCC 16

RESULT 618  
US-09-299-058-38/c  
Sequence 38, Application US/09299058  
GENERAL INFORMATION:  
APPLICANT: Hanecak et al.  
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
Sequence  
NUMBER OF SEQUENCES: 146  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/299,058  
FILING DATE: 23-Apr-1999  
CLASSIFICATION: N/A  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/403,889  
FILING DATE: 12-JUNE-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul K. Legaard  
REGISTRATION NUMBER: 38,534  
REFERENCE/DOCKET NUMBER: ISIS-1229  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 38:

```
;
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-09-299-058-38

Query Match          0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 18 CCCCAACCCCAACCCC 3

RESULT 619
US-09-299-058-54/c
; Sequence 54, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
;   Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 54:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 54:
US-09-299-058-54

Query Match          0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 18 CCCCAACCCCAACCCC 3

RESULT 620
US-09-299-058-111/c
; Sequence 111, Application US/09299058
; GENERAL INFORMATION:
```

```
;
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
;   Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 111:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 111:
US-09-299-058-111

Query Match          0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 18 CCCCAACCCCAACCCC 3

RESULT 621
US-09-860-784A-145/c
; Sequence 145, Application US/09860784A
; GENERAL INFORMATION:
; APPLICANT: PEYMAN, ANUSCHIRWAN
; TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
; FILE REFERENCE: 38005-0149
; CURRENT APPLICATION NUMBER: US/09/860,784A
; CURRENT FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 09/631,946
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: 09/258,408
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: 08/594,452
; PRIOR FILING DATE: 1996-01-31
; PRIOR APPLICATION NUMBER: DE 195 02 912.7
; PRIOR FILING DATE: 1995-01-31
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 145
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-860-784A-145

Query Match 0.7%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266  
||||| |||||  
Db 18 CCCCAACCCCAACCCC 3

## RESULT 622

US-09-947-659-9/c  
; Sequence 9, Application US/09947659  
; GENERAL INFORMATION:  
; APPLICANT: CHABOT, Benoit  
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATING THE LENGTH OF  
; FILE REFERENCE: 13024.2  
; CURRENT APPLICATION NUMBER: US/09/947,659  
; CURRENT FILING DATE: 2001-09-06  
; PRIOR APPLICATION NUMBER: US 09/214,178  
; PRIOR FILING DATE: 1999-02-25  
; PRIOR APPLICATION NUMBER: PCT/CA97/00471  
; PRIOR FILING DATE: 1997-06-30  
; PRIOR APPLICATION NUMBER: 60/020,956  
; PRIOR FILING DATE: 1996-07-01  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 9  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: Oligonucleotide  
US-09-947-659-9

Query Match 0.7%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266  
||||| |||||  
Db 18 CCCCAACCCCAACCCC 3

## RESULT 623

US-09-947-659A-14/c  
; Sequence 14, Application US/09947659A  
; GENERAL INFORMATION:  
; APPLICANT: Chabot, Benoit  
; TITLE OF INVENTION: Composition and Methods For Modulating  
; FILE REFERENCE: 50213/002002  
; CURRENT APPLICATION NUMBER: US/09/947,659A  
; CURRENT FILING DATE: 2001-09-06  
; PRIOR APPLICATION NUMBER: US 09/214,178  
; PRIOR FILING DATE: 1999-02-25  
; PRIOR APPLICATION NUMBER: PCT/CA97/00471  
; PRIOR FILING DATE: 1997-06-30  
; PRIOR APPLICATION NUMBER: US 60/020,956  
; PRIOR FILING DATE: 1996-07-01  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 14  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide

## US-09-947-659A-14

Query Match 0.7%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266  
||||| |||||  
Db 18 CCCCAACCCCAACCCC 3

## RESULT 624

US-10-293-338-7219/c  
; Sequence 7219, Application US/10293338  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics LTD  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AN  
; FILE REFERENCE: 45282  
; CURRENT APPLICATION NUMBER: US/10/293,338  
; CURRENT FILING DATE: 2002-11-14  
; NUMBER OF SEQ ID NOS: 8785  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 7219  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-293-338-7219

Query Match 0.7%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1089 CTTGACCCCAACCCG 1104  
||||| |||||  
Db 17 CTTGACCCCAACCCG 2

## RESULT 625

US-10-303-778-5003/c  
; Sequence 5003, Application US/10303778  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL  
; FILE REFERENCE: 47416  
; CURRENT APPLICATION NUMBER: US/10/303,778  
; CURRENT FILING DATE: 2002-11-26  
; NUMBER OF SEQ ID NOS: 17608  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 5003  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-303-778-5003

Query Match 0.7%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1252 CCCCATCCCCAACCCC 1267  
||||| |||||  
Db 17 CCCCAACCCCAACCCC 2

## RESULT 626

US-10-310-188-10531/c  
; Sequence 10531, Application US/10310188  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GI  
; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188  
; CURRENT FILING DATE: 2002-12-19  
; NUMBER OF SEQ ID NOS: 86841  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 10531  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; US-10-310-188-10531

Query Match 0.7%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1252 CCCATCCCAACCC 1267  
| | | | | | | | | | | | | | | | | | | | | |  
Db 17 CCCAGCCCAACCC 2

## RESULT 627

US-10-188-12096/c  
; Sequence 12096, Application US/10310188  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES  
; FILE REFERENCE: 47487  
; CURRENT APPLICATION NUMBER: US/10/310,188  
; CURRENT FILING DATE: 2002-12-19  
; NUMBER OF SEQ ID NOS: 86841  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 12096  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; US-10-310-188-12096

Query Match 0.7%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 890 TGCTGTGCCCTGGT 905  
| | | | | | | | | | | | | | | | | | | | | |  
Db 17 TGCTGTGCCCTGGT 2

## RESULT 628

US-10-359-935-35  
; Sequence 35, Application US/10359935  
; GENERAL INFORMATION:  
; APPLICANT: Villeponteau, Bryant  
; Feng, Junli  
; Funk, Walter  
; Andrews, William H.  
; TITLE OF INVENTION: Mammalian Telomerase  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/359,935  
; FILING DATE: 07-Feb-2003  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/057,351  
; FILING DATE: 08-APR-1994  
; APPLICATION NUMBER: US 08/272,102  
; FILING DATE: 07-JUL-1994  
; APPLICATION NUMBER: US 08/330,123  
; FILING DATE: 27-OCT-1994  
; APPLICATION NUMBER: US 08/472,802  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Storella, John R.  
; REGISTRATION NUMBER: 32,944  
; REFERENCE/DOCKET NUMBER: 015389-000821US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 35:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; SEQUENCE DESCRIPTION: SEQ ID NO: 35:

US-10-359-935-35  
Query Match 0.7%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCAACCC 1266  
| | | | | | | | | | | | | | | | | | | | | |  
Db 1 CCCCAACCCCAACCC 16

## RESULT 629

US-60-216-745-5704/c  
; Sequence 5704, Application US/60216745  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; APPLICANT: Abderrahim, Hadi  
; APPLICANT: Dufaire-Gare, Isabelle  
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...  
; FILE REFERENCE: 84 US1.PRO  
; CURRENT APPLICATION NUMBER: US/60/216,745  
; CURRENT FILING DATE: 2000-06-30  
; NUMBER OF SEQ ID NOS: 13665  
; SOFTWARE: Patent.pm  
; SEQ ID NO 5704  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: upstream amplification primer 99-20392 for SEQ 1173,  
US-60-216-745-5704

Query Match 0.7%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 4.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 728 GCCAGGAGAACAGAA 743  
| | | | | | | | | | | | | | | | | | | | | |  
Db 17 GACAGGAGAACAGAA 2

## RESULT 630

US-09-453-607A-3263/c  
; Sequence 3263, Application US/09453607A  
; GENERAL INFORMATION:  
; APPLICANT: Immusol, Inc. et al.

```

; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF RESTENOSIS
; FILE REFERENCE: 480124.406
; CURRENT APPLICATION NUMBER: US/09/453.607A
; CURRENT FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 4388
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3263
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-453-607A-3263

Query Match      0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 733 GAGAAACAGAACACCG 748
Db 19 GAGAAGCAGAACACCG 4

RESULT 631
US-09-453-607C-3263/c
; Sequence 3263, Application US/09453607C
; GENERAL INFORMATION:
; APPLICANT: Immusol, Inc. et al.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF
; FILE REFERENCE: 480124.406
; CURRENT APPLICATION NUMBER: US/09/453.607C
; CURRENT FILING DATE: 1999-12-07
; NUMBER OF SEQ ID NOS: 4389
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3263
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-453-607C-3263

Query Match      0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 733 GAGAAACAGAACACCG 748
Db 19 GAGAAGCAGAACACCG 4

RESULT 632
US-09-696-791-3263/c
; Sequence 3263, Application US/09696791
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696.791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3263
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-696-791-3263

; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF RESTENOSIS
; FILE REFERENCE: 480124.406
; CURRENT APPLICATION NUMBER: US/09/453.607A
; CURRENT FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 4388
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3263
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-453-607A-3263

Query Match      0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 733 GAGAAACAGAACACCG 748
Db 19 GAGAAGCAGAACACCG 4

RESULT 633
US-09-702-690-10
; Sequence 10, Application US/09702690
; GENERAL INFORMATION:
; APPLICANT: Vinavagamcoorhy, Thuraiayah
; TITLE OF INVENTION: Multi-Loci Genomic Analysis
; FILE REFERENCE: 44747-A
; CURRENT APPLICATION NUMBER: US/09/702.690
; CURRENT FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: US 09/165,264
; PRIOR FILING DATE: 1998-10-01
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Primer sequence
US-09-702-690-10

Query Match      0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1198 GCACCACCCCTATCAGG 1213
Db 4 GCAGCACCCCTATCAGG 19

RESULT 634
US-10-244-647-606
; Sequence 606, Application US/10244647
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MEHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 606
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-606

Query Match      0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 25.0%; Pred. No. 4.4e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 908 TTTTCTTTGGTCTTTG 923
Db 1 UUUUUUUUUUUUUU 16

RESULT 635
US-10-244-647-644
; Sequence 644, Application US/10244647
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 644
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-644

Query Match 0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 25.0%; Pred. No. 4.4e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTTCTTTGGTCTTT 922
Db 4 AUUUUUUUUUUUUUU 19

RESULT 636
US-10-244-647-1252/c
; Sequence 1252, Application US/10244647
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1252
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1252

Query Match 0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTTCTTTGGTCTTT 922
Db 16 ATTTTCTTTGGTCTTT 1

RESULT 638
US-10-303-778-64/c
; Sequence 64, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 64
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-303-778-64

Query Match 0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTTTG 923
Db 19 TTTTCTTTGGTCTTTG 4

RESULT 637
US-10-244-647-1290/c
; Sequence 1290, Application US/10244647
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1290
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1290

Query Match 0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTTCTTTGGTCTTT 922
Db 16 ATTTTCTTTGGTCTTT 1

RESULT 638
US-10-303-778-64/c
; Sequence 64, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 64
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-303-778-64

Query Match 0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```



Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1082 CTCGAGGCTTCCACC 1097  
| | | | | | | | | |  
Db 19 CTCGAGGCTTCCACC 4

## RESULT 639

US-10-310-188-2600/c  
; Sequence 2600, Application US/10310188  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES  
; FILE REFERENCE: 47487  
; CURRENT APPLICATION NUMBER: US/10/310,188  
; CURRENT FILING DATE: 2002-12-19  
; NUMBER OF SEQ ID NOS: 86841  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2600  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-310-188-2600

Query Match 0.7%; Score 14.4; DB 1; Length 19;

Best Local Similarity 93.8%; Pred. No. 4.4e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1140 CAGCTCCACCTTACC 1155  
| | | | | | | | | |  
Db 19 CAGCTCCACCTTACC 4

## RESULT 640

US-10-310-188-78648/c  
; Sequence 78648, Application US/10310188  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES  
; FILE REFERENCE: 47487  
; CURRENT APPLICATION NUMBER: US/10/310,188  
; CURRENT FILING DATE: 2002-12-19  
; NUMBER OF SEQ ID NOS: 86841  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 78648  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-310-188-78648

Query Match 0.7%; Score 14.4; DB 1; Length 19;

Best Local Similarity 93.8%; Pred. No. 4.4e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCAACCCC 1266  
| | | | | | | | | |  
Db 16 CCCCATCCCAACCCC 1

## RESULT 641

PCT-US00-06745-137  
; Sequence 137, Application PC/TUS0006745  
; GENERAL INFORMATION:  
; APPLICANT: University of British Columbia  
; APPLICANT: Xenon Bioresearch, Inc.  
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING  
; TITLE OF INVENTION: CHOLESTEROL LEVELS  
; FILE REFERENCE: 50110/002W05  
; CURRENT APPLICATION NUMBER: PCT/US00/06745  
; CURRENT FILING DATE: 2000-04-15  
; PRIOR APPLICATION NUMBER: 60/124,702

; PRIOR FILING DATE: 1999-03-15  
; PRIOR APPLICATION NUMBER: 60/138,048  
; PRIOR FILING DATE: 1999-06-08  
; PRIOR APPLICATION NUMBER: 60/139,600  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 60/151,977  
; PRIOR FILING DATE: 1999-09-01  
; NUMBER OF SEQ ID NOS: 287  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 137  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
PCT-US00-06745-137

Query Match 0.7%; Score 14.4; DB 1; Length 20;

Best Local Similarity 93.8%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1070 GCTTCAGTCCCACTCC 1085  
| | | | | | | | | |  
Db 1 GCTTCAGTCCCACTCC 16

## RESULT 642

PCT-US01-05484A-54/c  
; Sequence 54, Application PC/TUS0105484A  
; GENERAL INFORMATION:  
; APPLICANT: Isis Pharmaceuticals, Inc.  
; APPLICANT: Ian Popoff  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRESSION  
; FILE REFERENCE: RTSP-0113  
; CURRENT APPLICATION NUMBER: PCT/US01/05484A  
; CURRENT FILING DATE: 2001-02-21  
; PRIOR APPLICATION NUMBER: 09/513,729  
; PRIOR FILING DATE: 2000-02-24  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 54  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
PCT-US01-05484A-54

Query Match 0.7%; Score 14.4; DB 1; Length 20;

Best Local Similarity 93.8%; Pred. No. 4.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1021 GAGGGGAGCTTGAAG 1036  
| | | | | | | | | |  
Db 20 GAGGGGAGCTTGAAG 5

## RESULT 643

US-09-230-521A-134/c  
; Sequence 134, Application US/09230521A  
; GENERAL INFORMATION:  
; APPLICANT: WRIGHT, Jim A.  
; APPLICANT: YOUNG, Alping H.  
; TITLE OF INVENTION: ANTITUMOR ANTISENSE SEQUENCES DIRECTED  
; TITLE OF INVENTION: AGAINST R1 AND R2 COMPONENTS OF RIBONUCLEOTIDE REDUCTASE  
; NUMBER OF SEQUENCES: 163  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Burns, Doane, Swecker & Mathis, L.L.P.  
; STREET: 3000 Sand Hill Road, Bldg. 4, Suite 160  
; CITY: Menlo Park  
; STATE: California  
; COUNTRY: United States  
; ZIP: 94025-7116  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/230,521A

FILING DATE: 27-JAN-1999

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: WO PCT/CA97/00540

FILING DATE: 01-AUG-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/023,040

FILING DATE: 02-AUG-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/039,959

FILING DATE: 07-MAR-1997

ATTORNEY/AGENT INFORMATION:

NAME: Mooi, Leslie A.

REGISTRATION NUMBER: 37,047

REFERENCE/DOCKET NUMBER: 032396-036

TELECOMMUNICATION INFORMATION:

TELEPHONE: (650) 854-7400

TELEFAX: (650) 854-8275

INFORMATION FOR SEQ ID NO: 134:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "Oligonucleotide"

US-09-230-521A-134

Query Match 0.7%; Score 14.4; DB 1; Length 20;

Best Local Similarity 93.8%; Pred. No. 4.6e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTTTG 923

DB 18 TTTTCTTTGGTCTTTG 3

RESULT 644

US-09-230-521-134/c

Sequence 134, Application US/09230521B

GENERAL INFORMATION:

APPLICANT: WRIGHT, Jim A.

TITLE OF INVENTION: ANTIMUTOR ANTISENSE SEQUENCES DIRECTED

AGAINST R1 AND R2 COMPONENTS OF RIBONUCLEOTIDE REDUCTASE

NUMBER OF SEQUENCES: 163

CORRESPONDENCE ADDRESS:

ADDRESSEE: Burns, Doane, Swecker & Mathis, L.L.P.

STREET: 3000 Sand Hill Road, Bldg. 4, Suite 160

CITY: Menlo Park

STATE: California

COUNTRY: United States

ZIP: 94025-7116

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/230,521B

FILING DATE: 27-Jan-1999

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: WO PCT/CA97/00540

FILING DATE: 01-AUG-1997

APPLICATION NUMBER: US 60/023,040

FILING DATE: 02-AUG-1996

APPLICATION NUMBER: US 60/039,959

FILING DATE: 07-MAR-1997

ATTORNEY/AGENT INFORMATION:

NAME: Mooi, Leslie A.

REGISTRATION NUMBER: 37,047

REFERENCE/DOCKET NUMBER: 032396-036

TELECOMMUNICATION INFORMATION:

TELEPHONE: (650) 854-7400

TELEFAX: (650) 854-8275

INFORMATION FOR SEQ ID NO: 134:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "Oligonucleotide"

SEQUENCE DESCRIPTION: SEQ ID NO: 134:

US-09-230-521-134

Query Match 0.7%; Score 14.4; DB 1; Length 20;

Best Local Similarity 93.8%; Pred. No. 4.6e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTTTG 923

DB 18 TTTTCTTTGGTCTTTG 3

RESULT 645

US-09-297-017A-10/c

Sequence 10, Application US/09297017A

GENERAL INFORMATION:

APPLICANT: JAIN, RAVINDER K.

APPLICANT: THOMPSON, ROBERTA G.

APPLICANT: ROWLAND, GORDON G.

APPLICANT: MCHUGHEN, ALAN G.

APPLICANT: MACKENZIE, SAMUEL L.

APPLICANT: TAYLOR, DAVID C.

TITLE OF INVENTION: FLAX PROMOTERS FOR MANIPULATING GENE EXPRESSION

FILE REFERENCE: 10670-1

CURRENT APPLICATION NUMBER: US/09/297,017A

CURRENT FILING DATE: 1999-06-18

PRIOR APPLICATION NUMBER: PCT/CA97/00812

PRIOR FILING DATE: 1997-10-30

PRIOR APPLICATION NUMBER: 60/029,416

PRIOR FILING DATE: 1996-10-31

NUMBER OF SEQ ID NOS: 11

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 10

LENGTH: 20

TYPE: DNA

ORGANISM: Linum usitatissimum

US-09-297-017A-10

Query Match 0.7%; Score 14.4; DB 1; Length 20;

Best Local Similarity 93.8%; Pred. No. 4.6e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1122 CAGTTCCACCTTCACC 1137

DB 18 CAGTTCCACCTTCACC 3

RESULT 646

US-09-451-673-134/c

Sequence 134, Application US/09451673

GENERAL INFORMATION:

APPLICANT: Wright, Jim A.

APPLICANT: Young, Aiping H.

TITLE OF INVENTION: ANTIMUTOR ANTISENSE SEQUENCES DIRECTED

AGAINST RIBONUCLEOTIDE REDUCTASE

NUMBER OF SEQUENCES: 163

CORRESPONDENCE ADDRESS:

```
; ADDRESSEE: KOHN & ASSOCIATES
; STREET: 30500 Northwestern Hwy. Suite 410
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/451,673
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/904,901
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,955
; REFERENCE/DOCKET NUMBER: 0227.00004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (248) 539-5050
; TELEFAX: (248) 539-5055
; INFORMATION FOR SEQ ID NO: 134:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; ANTI-SENSE: YES
US-09-451-673-134

Query Match 0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTGGCTTTG 923
DB 18 TTTTCTTGGCTTTG 3

RESULT 647
US-09-513-729-54/c
; Sequence 54, Application US/09513729A
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRESSION
; FILE REFERENCE: RFS-0112
; CURRENT APPLICATION NUMBER: US/09/513,729A
; CURRENT FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-513-729-54

Query Match 0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1021 GAGGGGGAGCTTGAAG 1036
DB 20 GAGGGGGAGCTTGAAG 5

RESULT 648
```

```
US-09-703-708-13380
; Sequence 13380, Application US/09703708
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)C
; CURRENT APPLICATION NUMBER: US/09/703,708
; CURRENT FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/164,320
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: US 60/183,791
; PRIOR FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 13380
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-09-703-708-13380

Query Match 0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1131 CTTCACTCCAGCTCC 1146
DB 5 CTTCACTCCAGCTTC 20

RESULT 649
US-10-130-915-55/c
; Sequence 55, Application US/10130915
; GENERAL INFORMATION:
; APPLICANT: Scuyver, Lieven
; APPLICANT: Schinazi, Raymond
; APPLICANT: De Gendt, Sija
; APPLICANT: Van Geyt, Carolina
; APPLICANT: Zoulim, Fabien
; APPLICANT: Fried, Michael
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR A NEW
; FILE REFERENCE: 16117.0001U2
; CURRENT APPLICATION NUMBER: US/10/130,915
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: PCT/US00/32108
; PRIOR FILING DATE: 2000-11-21
; PRIOR APPLICATION NUMBER: 60/167,206
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Note:
; OTHER INFORMATION: Artificial Sequence = synthetic construct
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3
; OTHER INFORMATION: Note: n = a or g
US-10-130-915-55

Query Match 0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGCTTTG 923
DB 17 ATTTCTTTGGCTTTG 1
```

```
RESULT 650
US-10-266-090-46007/c
; Sequence 46007, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46007
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-46007

Query Match      0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 911 TCTTGGTCTTTCCT 926
Db 16 TCTTGGTCTTTCCT 1

RESULT 651
US-10-303-778-4628/c
; Sequence 4628, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4628
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-4628

Query Match      0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1252 CCATCCCAACCC 1267
Db 16 CCCAGCCCCAACCC 1

RESULT 652
US-10-310-188-9668/c
; Sequence 9668, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
```

```
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9668
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-9668

Query Match      0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1252 CCATCCCAACCC 1267
Db 16 CCCAGCCCCAACCC 1

RESULT 653
US-10-447-136-134/c
; Sequence 134, Application US/10447136
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
; FILE REFERENCE: 032396-023
; CURRENT APPLICATION NUMBER: US/10/447,136
; CURRENT FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/249,247
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/023,040
; PRIOR FILING DATE: EARLIER FILING DATE: 1996-08-02
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/039,959
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 08/904,901
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-01
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 134
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-10-447-136-134

Query Match      0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGCTCTTG 923
Db 18 TTTTCTTTGCTCTTG 3

RESULT 654
US-10-452-510-137
; Sequence 137, Application US/10452510
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT APPLICATION NUMBER: US/10/452,510
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
```

```
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-137

Query Match          0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1070 GCTTCAGTCCCACTCC 1085
Db 1 GCTTAAGTCCCACTCC 16

RESULT 655
US-10-617-334-137
; Sequence 137, Application US/10617334
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-91
; CURRENT APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 137
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-617-334-137

Query Match          0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1070 GCTTCAGTCCCACTCC 1085
Db 1 GCTTAAGTCCCACTCC 16

RESULT 656
US-10-744-465-137
; Sequence 137, Application US/10744465
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-92
; CURRENT APPLICATION NUMBER: US/10/744,465
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08

; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-137

Query Match          0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1070 GCTTCAGTCCCACTCC 1085
Db 1 GCTTAAGTCCCACTCC 16

RESULT 657
US-60-164-320-13380
; Sequence 13380, Application US/60164320
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)A
; CURRENT APPLICATION NUMBER: US/60/164,320
; CURRENT FILING DATE: 1999-11-10
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 13380
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-60-164-320-13380

Query Match          0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1131 CTTCACTCCAGCTCC 1146
Db 5 CTTCACTCCAGCTTC 20

RESULT 658
US-60-183-791-13380
; Sequence 13380, Application US/60183791
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)B
; CURRENT APPLICATION NUMBER: US/60/183,791
; CURRENT FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 13380
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-60-183-791-13380

Query Match          0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1131 CTTCACTCCAGCTCC 1146
Db 5 CTTCACTCCAGCTTC 20
```

```
RESULT 659
PCT-US00-19644A-276/c
; Sequence 276, Application PC/TUS0019644A
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Chew, Anne
; APPLICANT: Duda, Amy
; TITLE OF INVENTION: DRUG TARGET ISOGENES: POLYMORPHISMS IN THE DOPAMINE
; TITLE OF INVENTION: RECEPTOR D2 GENE
; FILE REFERENCE: DRD2PCT
; CURRENT APPLICATION NUMBER: PCT/US00/19644A
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/144,493
; PRIOR FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 281
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 276
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US00-19644A-276

Query Match      0.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1128 CACTTCACCTCCAGCTCC 1146
Db 19 CATCTCATCTCCAGCTCC 1

RESULT 660
PCT-US03-03473-267
; Sequence 267, Application PC/TUS0303473
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Platelet Derived Growth
; TITLE OF INVENTION: Factor (PDGF) and Platelet Derived Growth Factor Receptor (PDGFR)
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 03-073 (400/092)
; CURRENT APPLICATION NUMBER: PCT/US03/03473
; PRIOR FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 267
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-03473-267

Query Match      0.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 1; Gaps 1;
```

```
Best Local Similarity 73.7%; Pred. No. 4.7e+02;
Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 867 CACTGAGGACTCAGGCACC 885
Db 1 CUCUGGGGACUCAGGAACC 19

RESULT 661
PCT-US03-03473-578/c
; Sequence 578, Application PC/TUS0303473
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Platelet Derived Growth
; TITLE OF INVENTION: Factor (PDGF) and Platelet Derived Growth Factor Receptor (PDGFR)
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 03-073 (400/092)
; CURRENT APPLICATION NUMBER: PCT/US03/03473
; CURRENT FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 578
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-03473-578

Query Match      0.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 867 CACTGAGGACTCAGGCACC 885
Db 19 CTCTGGGGACTCAGGAACC 1

RESULT 662
PCT-US03-04402-81/c
; Sequence 81, Application PC/TUS0304402
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Haerberli, Peter
; APPLICANT: Usman, Nassim
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Polycomb Group Protein
; TITLE OF INVENTION: EZH2 Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/093 (WBHB 03-074)
; CURRENT APPLICATION NUMBER: PCT/US03/04402
; CURRENT FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: US 60/427,467
; PRIOR FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
```

PRIOR APPLICATION NUMBER: US 60/363,124  
PRIOR FILING DATE: 2002-03-11  
PRIOR APPLICATION NUMBER: US 60/408,378  
PRIOR FILING DATE: 2002-09-05  
PRIOR APPLICATION NUMBER: US 60/409,293  
PRIOR FILING DATE: 2002-09-09  
PRIOR APPLICATION NUMBER: US 60/386,782  
PRIOR FILING DATE: 2002-06-06  
PRIOR APPLICATION NUMBER: US 60/406,784  
PRIOR FILING DATE: 2002-08-29  
PRIOR APPLICATION NUMBER: US 60/440,129  
PRIOR FILING DATE: 2003-01-15  
NUMBER OF SEQ ID NOS: 346  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 81  
LENGTH: 19  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense  
PCT-US03-04402-81

Query Match 0.7%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1068 AAGCTTCAGTCCCACTCCA 1086  
DB 19 AGGCTTCAGCACACTCCA 1

RESULT 663  
PCT-US03-04402-229  
Sequence 229, Application PC/TUS0304402  
GENERAL INFORMATION:  
APPLICANT: Sirna Therapeutics, Inc.  
APPLICANT: McSwiggen, James  
APPLICANT: Beigelman, Leonid  
APPLICANT: Haeblerli, Peter  
APPLICANT: Usman, Nassim  
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Polycomb Group Protein  
FILE REFERENCE: 400/093 (MBHB 03-074)  
CURRENT APPLICATION NUMBER: PCT/US03/04402  
CURRENT FILING DATE: 2003-02-13  
PRIOR APPLICATION NUMBER: US 60/427,467  
PRIOR FILING DATE: 2002-11-19  
PRIOR APPLICATION NUMBER: US 60/358,580  
PRIOR FILING DATE: 2002-02-20  
PRIOR APPLICATION NUMBER: US 60/363,124  
PRIOR FILING DATE: 2002-03-11  
PRIOR APPLICATION NUMBER: US 60/408,378  
PRIOR FILING DATE: 2002-09-05  
PRIOR APPLICATION NUMBER: US 60/409,293  
PRIOR FILING DATE: 2002-09-09  
PRIOR APPLICATION NUMBER: US 60/386,782  
PRIOR FILING DATE: 2002-06-06  
PRIOR APPLICATION NUMBER: US 60/406,784  
PRIOR FILING DATE: 2002-08-29  
PRIOR APPLICATION NUMBER: US 60/440,129  
PRIOR FILING DATE: 2003-01-15  
NUMBER OF SEQ ID NOS: 346  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 229  
LENGTH: 19  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
PCT-US03-04402-229

Query Match 0.7%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 68.4%; Pred. No. 4.7e+02;

Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;  
QY 1068 AAGCTTCAGTCCCACTCCA 1086  
DB 1 AGGCTTCAGCACACTCCA 19

RESULT 664  
US-09-453-607A-3527/c  
Sequence 3527, Application US/09453607A  
GENERAL INFORMATION:  
APPLICANT: Immusol, Inc. et al.  
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF RESTENOC  
FILE REFERENCE: 480124.406  
CURRENT APPLICATION NUMBER: US/09/453,607A  
CURRENT FILING DATE: 1999-12-06  
NUMBER OF SEQ ID NOS: 4389  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 3527  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Cdc25 hs ribozyme binding site  
US-09-453-607A-3527

Query Match 0.7%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 729 CCAGGAGAAACAGAACACC 747  
DB 19 CCAGGAGAAACAAACACC 1

RESULT 665  
US-09-453-607C-3527/c  
Sequence 3527, Application US/09453607C  
GENERAL INFORMATION:  
APPLICANT: Immusol, Inc. et al.  
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF  
FILE REFERENCE: 480124.406  
CURRENT APPLICATION NUMBER: US/09/453,607C  
CURRENT FILING DATE: 1999-12-07  
NUMBER OF SEQ ID NOS: 4389  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 3527  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Cdc25 hs ribozyme binding site  
US-09-453-607C-3527

Query Match 0.7%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 729 CCAGGAGAAACAGAACACC 747  
DB 19 CCAGGAGAAACAAACACC 1

RESULT 666  
US-09-696-791-3527/c  
Sequence 3527, Application US/09696791  
GENERAL INFORMATION:  
APPLICANT: Robbins, Joan M.  
APPLICANT: Tritz, Richard  
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
TITLE OF INVENTION: SKIN AND EYE DISEASES  
FILE REFERENCE: 480124.407

; CURRENT APPLICATION NUMBER: US/09/696,791  
; CURRENT FILING DATE: 2000-10-25  
; NUMBER OF SEQ ID NOS: 4523  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 3527  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Cdc25 hs ribozyme binding site  
US-09-696-791-3527

Query Match 0.7%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 729 CCAGGAGAAACAGACACC 747  
Db 19 CCAGGAGAAACAAACACC 1

## RESULT 667

US-10-266-090-45369  
; Sequence 45369, Application US/10266090  
; GENERAL INFORMATION:  
; APPLICANT: GOFF, STEPHEN  
; APPLICANT: BONAN, CAROLINE  
; APPLICANT: COLBERT, MICHELLE  
; APPLICANT: WANG, RONG-LIN  
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE  
; FILE REFERENCE: NADII.058C1  
; CURRENT APPLICATION NUMBER: US/10/266,090  
; CURRENT FILING DATE: 2002-10-03  
; PRIOR APPLICATION NUMBER: US 10/260,703  
; PRIOR FILING DATE: 2002-09-26  
; PRIOR APPLICATION NUMBER: US 60/326,117  
; PRIOR FILING DATE: 2001-09-26  
; NUMBER OF SEQ ID NOS: 51812  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 45369  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA  
US-10-266-090-45369

Query Match 0.7%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1128 CACCTTCACCTCCAGCTCC 1146  
Db 1 CACCTCCACCTCCTCTCC 19

## RESULT 668

US-10-293-338-2073/c  
; Sequence 2073, Application US/10293338  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics LTD  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND  
; FILE REFERENCE: 45282  
; CURRENT APPLICATION NUMBER: US/10/293,338  
; CURRENT FILING DATE: 2002-11-14  
; NUMBER OF SEQ ID NOS: 8785  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2073  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens

## US-10-293-338-2073.

Query Match 0.7%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1130 CCTTCACCTCCAGCTCCAC 1148  
Db 19 CCTTCACCTCCAGCTGCTC 1

## RESULT 669

US-10-303-778-14330/c  
; Sequence 14330, Application US/10303778  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL  
; FILE REFERENCE: 47416  
; CURRENT APPLICATION NUMBER: US/10/303,778  
; CURRENT FILING DATE: 2002-11-26  
; NUMBER OF SEQ ID NOS: 17608  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 14330  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-303-778-14330

Query Match 0.7%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1216 GCTGACCCCATCCTTCGCA 1234  
Db 19 GATGTCCTCCATCCATGCGA 1

## RESULT 670

US-10-310-188-7395/c  
; Sequence 7395, Application US/10310188  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GE  
; FILE REFERENCE: 47487  
; CURRENT APPLICATION NUMBER: US/10/310,188  
; CURRENT FILING DATE: 2002-12-19  
; NUMBER OF SEQ ID NOS: 86841  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 7395  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-310-188-7395

Query Match 0.7%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 923 GCCTTTTATCCCTCCTCTT 941  
Db 19 GCCTTTTCTCTCCCTT 1

## RESULT 671

US-10-310-188-9730/c  
; Sequence 9730, Application US/10310188  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GE  
; FILE REFERENCE: 47487



; CURRENT APPLICATION NUMBER: US/10/310,188  
; CURRENT FILING DATE: 2002-12-19  
; NUMBER OF SEQ ID NOS: 86841  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 9730  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-310-188-9730

Query Match 0.7%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1252 CCCATCCCAACCCCTTC 1270  
||| ||| ||| ||| ||| |||  
DB 19 CCCAGCCCCCAACCCCGTC 1

RESULT 672  
US-10-310-188-10615/c  
; Sequence 10615, Application US/10310188  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES  
; FILE REFERENCE: 47487  
; CURRENT APPLICATION NUMBER: US/10/310,188  
; CURRENT FILING DATE: 2002-12-19  
; NUMBER OF SEQ ID NOS: 86841  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 10615  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-310-188-10615

Query Match 0.7%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAGCTC 1145  
||| ||| ||| ||| ||| |||  
DB 19 CCATCTTCACCCCACTC 1

RESULT 673  
US-10-310-188-26459/c  
; Sequence 26459, Application US/10310188  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES  
; FILE REFERENCE: 47487  
; CURRENT APPLICATION NUMBER: US/10/310,188  
; CURRENT FILING DATE: 2002-12-19  
; NUMBER OF SEQ ID NOS: 86841  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 26459  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-310-188-26459

Query Match 0.7%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1216 GCTGACCCCACTCCGCGA 1234  
||| ||| ||| ||| ||| |||  
DB 19 GATGTCCTCATCCATGCGA 1

RESULT 674  
US-10-310-188-39671/c  
; Sequence 39671, Application US/10310188  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES  
; FILE REFERENCE: 47487  
; CURRENT APPLICATION NUMBER: US/10/310,188  
; CURRENT FILING DATE: 2002-12-19  
; NUMBER OF SEQ ID NOS: 86841  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 39671  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-310-188-39671

Query Match 0.7%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1121 CCAGTTCACCTTCACCTC 1139  
||| ||| ||| ||| ||| |||  
DB 19 CCAGTTCAGCTTCACCTC 1

RESULT 675  
US-10-310-188-41853/c  
; Sequence 41853, Application US/10310188  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES  
; FILE REFERENCE: 47487  
; CURRENT APPLICATION NUMBER: US/10/310,188  
; CURRENT FILING DATE: 2002-12-19  
; NUMBER OF SEQ ID NOS: 86841  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 41853  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-310-188-41853

Query Match 0.7%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 4.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1242 CGCCTCCGACCCCATCCCC 1260  
||| ||| ||| ||| ||| |||  
DB 19 CGCCTCCACCTCTCTCCCC 1

RESULT 676  
US-10-310-188-42107/c  
; Sequence 42107, Application US/10310188  
; GENERAL INFORMATION:  
; APPLICANT: RosettaGenomics  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES  
; FILE REFERENCE: 47487  
; CURRENT APPLICATION NUMBER: US/10/310,188  
; CURRENT FILING DATE: 2002-12-19  
; NUMBER OF SEQ ID NOS: 86841  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 42107  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-310-188-42107

Query Match 0.7%; Score 14.2; DB 1; Length 19;

```
Best Local Similarity 84.2%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1247 CGGACCCCATCCCAACCC 1265
||| ||||| |||||
Db 19 CCCAACCCATCCCAACCC 1

RESULT 677
PCT-US01-28082-75/c
; Sequence 75, Application PC/TUS0128082
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESSION
; FILE REFERENCE: RTSP-0175
; CURRENT APPLICATION NUMBER: PCT/US01/28082
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 09/657,042
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US01-28082-75

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1012 CCTGAAAAGAGGGGAGC 1030
||| ||||| |||||
Db 19 CCAGAAAATTGGGGAGC 1

RESULT 678
PCT-US01-30549-69
; Sequence 69, Application PC/TUS0130549
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Donna T. Ward
; APPLICANT: William Gaarde
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK4 EXPRESSION
; FILE REFERENCE: RTSP-0188
; CURRENT APPLICATION NUMBER: PCT/US01/30549
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 09/676,436
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US01-30549-69

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 907 ATTTCCTTGGCTTTGCC 925
||| ||||| |||||
Db 1 ATTTCCTTCTTTGCC 19

RESULT 679
```

```
PCT-US02-22656-42
; Sequence 42, Application PC/TUS0222656
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF C-REACTIVE PROTEIN EXPRESSION
; FILE REFERENCE: ISPH-0692
; CURRENT APPLICATION NUMBER: PCT/US02/22656
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: 09/912,724
; PRIOR FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 63
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-22656-42

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1091 TCACCCCACTGGGCTT 1109
||| ||||| |||||
Db 2 TCTTCCTCACCTGGGCTT 20

RESULT 680
PCT-US02-35719-14/c
; Sequence 14, Application PC/TUS0235719
; GENERAL INFORMATION:
; APPLICANT: Wood, Linda
; APPLICANT: Wagner, Susanne
; APPLICANT: Parodi, Luis
; TITLE OF INVENTION: Single Nucleotide Polymorphisms in GH-1
; FILE REFERENCE: 00791.US1
; CURRENT APPLICATION NUMBER: PCT/US02/35719
; CURRENT FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
PCT-US02-35719-14

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1011 ACTGAAAAGAGGGGAG 1029
||| ||||| |||||
Db 19 ATCTGAAAAGAGGAGGAG 1

RESULT 681
PCT-US03-20865-1671
; Sequence 1671, Application PC/TUS0320865
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; APPLICANT: Kane, Christopher D
; TITLE OF INVENTION: ANTISENSE MODULATION OF LRH1 EXPRESSION
; FILE REFERENCE: 01190/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/20865
; CURRENT FILING DATE: 2003-07-01
; PRIOR APPLICATION NUMBER: 60/392,813
; PRIOR FILING DATE: 2002-07-01
; NUMBER OF SEQ ID NOS: 3450
```

Query Match	0.7%	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%	Pred. No. 4.9e+02;		

```

; REFERENCE/DOCKET NUMBER: DFCI90-01AA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; TELEX: 951794
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: YES
US-07-726-831-12

Query Match          0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1079 CCATCCAGGCTCACCC 1097
Db 2 CTACCCAGGCTTACCAC 20

RESULT 686
US-09-548-954A-834/c
; Sequence 834, Application US/09548954A
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN EERDEWEH, PAUL
; APPLICANT: DUPUIS, JOSEF
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954A
; PRIOR FILING DATE: 2000-04-13
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 834
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954A-834

Query Match          0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGCTCC 1146
Db 19 CACCTTCACCTCCCTGCTTC 1

RESULT 687
US-09-548-954B-834/c
; Sequence 834, Application US/09548954B
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN EERDEWEH, PAUL
; APPLICANT: DUPUIS, JOSEF
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954B
; PRIOR FILING DATE: 2000-04-13
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 834
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954A-834

Query Match          0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGCTCC 1146
Db 19 CACCTTCACCTCCCTGCTTC 1

RESULT 688
US-09-589-606-31
; Sequence 31, Application US/09589606
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/589,606
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US99/10793
; FILING DATE:
; APPLICATION NUMBER: 09/081,385
; FILING DATE:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid

```

```
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-589-606-31

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 865 GGCAGTGGAGTCTGCGCA 883
Db 1 GTCACTGGGAGTCTGCGCA 19

RESULT 689
US-09-676-436-69
; Sequence 69, Application US/09676436
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: William Gaarde
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK4 EXPRESSION
; FILE REFERENCE: RTS-0169
; CURRENT APPLICATION NUMBER: US/09/676,436
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-436-69

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 907 ATTTCCTTGGTCTTGGC 925
Db 1 ATTTGTTTCTCTTGGC 19

RESULT 690
US-09-700-354A-31
; Sequence 31, Application US/09700354A
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, Tetsuya
; APPLICANT: Granger, Gale A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BOZICEVIC, FIELD, & FRANCIS, LLP
; STREET: 200 MIDDLEFIELD ROAD, #200
; CITY: Menlo Park
; STATE: CA
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/700,354A
; FILING DATE: 17-Apr-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/081,385
; FILING DATE: 14-MAY-1998
; APPLICATION NUMBER: PCT/US99/10793
; FILING DATE: 14-MAY-1999

; ATTORNEY/AGENT INFORMATION:
; NAME: Francis, Carol L.
; REGISTRATION NUMBER: 36,513
; REFERENCE/DOCKET NUMBER: IRVN-007CIP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3400
; TELEFAX: 650-327-3231
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-09-700-354A-31

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 865 GGCAGTGGAGTCTGCGCA 883
Db 1 GTCACTGGGAGTCTGCGCA 19

RESULT 691
US-09-703-708-11958
; Sequence 11958, Application US/09703708
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: 38-10(15804)C
; FILE REFERENCE: 38-10(15804)C
; CURRENT APPLICATION NUMBER: US/09/703,708
; CURRENT FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/164,320
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: US 60/183,791
; PRIOR FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 11958
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-09-703-708-11958

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1184 CCCGAGAGAGGTGGCACC 1202
Db 2 CCTGCAGATAGGTGGACC 20

RESULT 692
US-09-703-708-14782
; Sequence 14782, Application US/09703708
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)C
; CURRENT APPLICATION NUMBER: US/09/703,708
; CURRENT FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/164,320
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: US 60/183,791
; PRIOR FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 14782
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-09-703-708-14782

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1118 TGCCAGTTCACCTTCAC 1136
Db 1 TGTCCAATTCAGCTTCAC 19

RESULT 693
US-09-712-813-31
; Sequence 31, Application US/09712813
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; Factor Receptor Releasing Enzyme Activity, and Methods
; of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/712,813
; FILING DATE: 13-Nov-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/081,385
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-09-712-813-31

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 865 GGCAGTGGAGCTCAGCA 883
Db 1 GTCAGTGGGAGCTCGCA 19

RESULT 694
US-09-720-435-61/c
; Sequence 61, Application US/09720435
; GENERAL INFORMATION:
; APPLICANT: INNOGENETICS N.V.
; TITLE OF INVENTION: Method for detection of drug-selected mutations in the protease
; FILE REFERENCE: 11362.0030.PCUS00 INNS:030
; CURRENT APPLICATION NUMBER: US/09/720,435
; CURRENT FILING DATE: 2001-06-25
; PRIOR APPLICATION NUMBER: PCT/EP99/04317
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 98870143.9
; PRIOR FILING DATE: 1998-06-24
; NUMBER OF SEQ ID NOS: 519
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Aids-associated retrovirus
US-09-720-435-61

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1134 CACCTCCAGCTCCACCTAT 1152
Db 19 CACCTCCAATTCCTCCCTAT 1

RESULT 695
US-09-720-435A-61/c
; Sequence 61, Application US/09720435A
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; TITLE OF INVENTION: Method for detection of drug-selected mutations in the protease
; FILE REFERENCE: 11362.0030.PCUS00 INNS:030
; CURRENT APPLICATION NUMBER: US/09/720,435A
; CURRENT FILING DATE: 2001-06-25
; PRIOR APPLICATION NUMBER: PCT/EP99/04317
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 98870143.9
; PRIOR FILING DATE: 1998-06-24
; NUMBER OF SEQ ID NOS: 529
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Aids-associated retrovirus
US-09-720-435A-61

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1134 CACCTCCAGCTCCACCTAT 1152
Db 19 CACCTCCAATTCCTCCCTAT 1

RESULT 696
US-09-752-639-31
; Sequence 31, Application US/09752639
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; Factor Receptor Releasing Enzyme Activity, and Methods
; of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
```

CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows  
SOFTWARE: FastSeq for Windows Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/752,639  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US99/10793  
FILING DATE:  
APPLICATION NUMBER: 09/081,385  
FILING DATE:  
APPLICATION NUMBER: 08/964,747  
FILING DATE: 05-NOV-1997  
APPLICATION NUMBER: 60/030,761  
FILING DATE: 06-NOV-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Wu, Frank  
REGISTRATION NUMBER: 41,386  
REFERENCE/DOCKET NUMBER: 22000-20577.21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-813-5600  
TELEFAX: 650-494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 31:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-752-639-31

Query Match 0.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.9e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 865 GGCACTGAGCACTCAGGCA 883  
Db 1 GTCACTGGGACTCCGCA 19

RESULT 697  
US-09-825-489-4/c  
Sequence 4, Application US/09825489  
GENERAL INFORMATION:  
APPLICANT: AGRAWAL, SUDHIR  
APPLICANT: KANDIMALLA, EKAMBAR R.  
APPLICANT: BREGMAN, DAVID B.  
APPLICANT: NANI, SRIDHAR  
APPLICANT: LU, YI  
TITLE OF INVENTION: SENSITIZATION OF CELLS TO CYTOTOXIC AGENTS USING  
TITLE OF INVENTION: OLIGONUCLEOTIDES DIRECTED TO NUCLEOTIDE EXCISION REPAIR  
TITLE OF INVENTION: OR TRANSCRIPTION COUPLED REPAIR GENES  
FILE REFERENCE: HYZ-075US2 (475.08.514)  
CURRENT APPLICATION NUMBER: US/09/825,489  
CURRENT FILING DATE: 2001-04-03  
NUMBER OF SEQ ID NOS: 13  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 4  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-825-489-4

Query Match 0.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.9e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1268 TTCAGAGTGGAGGACAG 1286  
Db 19 TGCAGAGTGGTAGTCTAG 1

RESULT 698  
US-09-912-724-42  
Sequence 42, Application US/09912724  
GENERAL INFORMATION:  
APPLICANT: Rosanne M. Crooke  
APPLICANT: Mark J. Graham  
TITLE OF INVENTION: ANTISENSE MODULATION OF C-REACTIVE PROTEIN EXPRESSION  
FILE REFERENCE: ISPH-0584  
CURRENT APPLICATION NUMBER: US/09/912,724  
CURRENT FILING DATE: 2001-07-25  
NUMBER OF SEQ ID NOS: 63  
SEQ ID NO 42  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-912-724-42

Query Match 0.7%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 4.9e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1091 TCACCCCACTCGGCTT 1109  
Db 2 TCTCTCACCCTGGGCTT 20

RESULT 699  
US-09-984-198-31  
Sequence 31, Application US/09984198  
GENERAL INFORMATION:  
APPLICANT: Gatanaga, T.  
APPLICANT: Granger, G.A.  
TITLE OF INVENTION: Factors Altering Tumor Necrosis  
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods  
TITLE OF INVENTION: of Use Thereof  
NUMBER OF SEQUENCES: 154  
CORRESPONDENCE ADDRESS:  
ADDRESSER: MORRISON & FORSTER  
STREET: 755 PAGE MILL ROAD  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows  
SOFTWARE: FastSeq for Windows Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/984,198  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US99/10793  
FILING DATE:  
APPLICATION NUMBER: 09/081,385  
FILING DATE:  
APPLICATION NUMBER: 08/964,747  
FILING DATE: 05-NOV-1997  
APPLICATION NUMBER: 60/030,761  
FILING DATE: 06-NOV-1996  
ATTORNEY/AGENT INFORMATION:

```
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-984-198-31

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 865 GGCAGTGGAGTCTAGGCA 883
Db 1 GTCACTGGGACTCCGGCA 19

RESULT 700
US-10-029-517-27
; Sequence 27, Application US/10029517
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan J. Myers
; TITLE OF INVENTION: ANTISENSE MODULATION OF MUCIN 1, TRANSMEMBRANE EXPRESSION
; FILE REFERENCE: RTS-0352
; CURRENT APPLICATION NUMBER: US/10/029,517
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 107
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-029-517-27

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 797 CCGTAGTAAGTGTAGAA 815
Db 2 CCTGTAACTGTAAGCA 20

RESULT 701
US-10-266-090-41238/c
; Sequence 41238, Application US/102666090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 41238
; LENGTH: 20
; TYPE: DNA
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-41238

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1057 GCCCAAAACCAAGCTTCA 1075
Db 20 GACCCAAAACCAAGGTTC A 2

RESULT 702
US-10-266-090-43048/c
; Sequence 43048, Application US/102666090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 43048
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-43048

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAGCTC 1145
Db 20 CCTCCTTCTCCTCTCGCTC 2

RESULT 703
US-10-266-090-43821
; Sequence 43821, Application US/102666090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 43821
; LENGTH: 20
; TYPE: DNA
```